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FIVE FINE EXHIBITION

DARWIN TULIPS

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★ AUG 31 1948
U. S. Department of Agriculture

DUKE OF WELLINGTON

GOLDEN AGE

CITY OF HAARLEM

PRIDE OF ZWANENBURG

BULBS
for Autumn Planting
1948

Stumpf & Walter
NEW YORK 8, N.Y.

Special Collection Offer No. 1			
25 BULBS	5 each of 5 varieties	(Value \$3.50)	\$3.00
50 BULBS	10 each of 5 varieties	(Value \$7.00)	\$5.75
100 BULBS	20 each of 5 varieties	(Value \$12.00)	\$10.50

SCOTCH LASSIE

We consider the 5 Distinct Darwin Tulips featured on this page to be the best Exhibition Tulips in their respective colors.



FARNCOMBE SANDERS (Darwin)
\$1.20 for 10, \$10.00 per 100
See page 6

BELLE JAUNE (Cottage)
\$1.40 for 10, \$12.00 per 100
See page 5

THE BISHOP (Darwin)
\$1.40 for 10, \$12.00 per 100
See page 9

CLARA BUTT (Darwin)
\$1.20 for 10, \$10.00 per 100
See page 6

Without exception no May-blooming bulbous plant rivals the Tulip for its brilliance of color and its adaptability to thrive in the shrubbery border, perennial border or formal beds. Creating a lovely garden with Tulips is like painting a picture. And the difference between the hesitant amateur and the finished creator of garden pictures is likely to be the same difference that separates the beginner in painting and the finished artist.

Tulips may be used very successfully by the amateur to obtain color harmonies with many of the most beautiful spring-flowering perennial plants such as the tall bearded Iris, the blue tones of spring Veronicas, Phlox divaricata, Mertensia virginica, blue Aubrieta, and the white Arabis or Iberis, or the orange tone of Siberian Wallflower. Vivid pink Tulips look well against the deep blue lilacs in the shrubbery border; the vivid scarlet ones may be planted in clumps of ten to twenty-five against the light and deeper green of evergreen plantings. They make May a delightful beginning to your garden year.

CREATING COLOR CONTRASTS

Late-flowering Tulips are most effective if groups of 10 to 25 of each variety are planted. The four varieties pictured above have been especially chosen for their distinct color and blooming qualities. They may be planted in the border in clump formation, with irregular spaces left at the edges of the border in order that pansy plants may be set out in early April, to provide a pleasing low border.

SPECIAL BORDER COLLECTION OFFER

40 Bulbs 10 each of above 4 Varieties \$4.50 (Value \$5.20) **100 Bulbs 25 each of above 4 Varieties \$9.50 (Value \$11.00)**

Beautify Your Spring Garden

BY PLANTING FLOWER BULBS THIS AUTUMN

The flower bulbs offered in this autumn Catalog are produced in America, England, France, and Holland. Each year we test at our Trial Bulb Gardens many of the standard as well as new and rare varieties, and in recommending them to our clients we base our offering on the experience that comes from the observation that they are outstanding and merit our listing.

Notwithstanding the severe winter both here in America and in Europe, the reports indicate that all bulbous stock shows promise of a reasonably good crop of high-quality bulbs. At our own Mile-Front Bulb Farm at Islip, Long Island, the growth attained at this time, June 1, is much

better than last year. Our growers in other parts of the United States as well as England, France, and Holland are reporting favorable growing conditions.

You can have flowers in your garden from March through July by planting some of the various varieties of bulbs offered this autumn.

Early fall is a good time to sow Lawn Seed and it is also a desirable time to plant Perennial Flower Seeds, Asparagus, Horseradish, Rhubarb Roots, Strawberry Plants, as well as Herb Plants. We offer a select list of Hardy Perennial Plants grown at our Farmingdale Long Island Farm.

ALL BULBS TRANSPORTATION PAID EAST OF THE MISSISSIPPI RIVER

All bulbs listed in this Catalog we will deliver transportation paid, within the states East of the Mississippi River.

SHIPPING DATES: Freesias, Dutch Iris, Forcing Lilies, and Paper-White Narcissus are ready for shipment in September. Our principal shipments of bulbs, however, are made in October, with the exception of some Hardy Lilies, which are ready for shipment in November.

TELEPHONE:
Barclay 7-1110

Stumpp & Walter

132-138 CHURCH STREET
(at Warren)
NEW YORK CITY

One of the largest Growers and Importers of American, Dutch, English, and French Flower Bulbs

BRANCH STORES: White Plains, N. Y., Stamford, Conn., Hempstead, L. I., Farmingdale, L. I., Englewood, N. J., Newark, N. J., Greenbrook, N. J.

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TULIPS NEW HYBRID GIANT DARWIN

We are privileged to offer to our garden Tulip enthusiasts a new race of Tulips which rival in color, strength of stem, size of bloom, and texture of flower, the best exhibition Darwin Tulips we know of. We are offering these to our clients this year with the understanding that we cannot supply over 25 bulbs of any of the following varieties to any one customer.

For the present we are introducing six of these varieties under color. Later, when stocks are somewhat larger, we will name them. We have taken the privilege of naming the seventh variety, which is also limited in supply.

NEW HYBRID DARWIN TULIPS

NEW GIANT SALMON-ROSE. Height 26 inches.

NEW GIANT CRIMSON-SCARLET. Height 25 inches.

NEW GIANT DEEP GOLDEN YELLOW. Height 26 inches.

NEW GIANT BLUE. Height 26 inches.

NEW GIANT CREAM-YELLOW. Height 26 inches.

NEW GIANT WHITE. Height 28 inches.

MRS. EDWIN CARTER. This Tulip is a distinct advance in a bright lively peach-pink over-all color. The lower part of the petals is a pure ivory-white, with a decided flush of peach-pink, giving the general effect of lively pink. The color is decidedly different from any other Tulip in our list. It lends a note of pink to the garden that no other Darwin Tulip does. The base is pure white with yellow anthers; the flower is large and of excellent substance. This is a decided acquisition in this beautiful new race of Tulips. The stems are as strong as any of the finest Exhibition Darwin Tulips. It blooms approximately five days before the earliest Darwins and lasts a long time in good condition, retaining its color well throughout the life of the flower. Under good cultivation it attains the height of 28 inches.

Any of the above varieties:

35 cts. each, \$3.25 for 10, \$30.00 per 100

SPECIAL COLLECTION OFFER

35 bulbs, 5 each of the above 7 vars., \$11.00
70 bulbs, 10 each of the above 7 vars., \$21.00



MRS. EDWIN CARTER

Rainbow Collection of

DARWIN • BREEDER



MME. BUTTERFLY

We consider this one of the best pale mauve Darwin Tulips, if not the best. Height 30 in. \$1.40 for 10, \$12.00 per 100.

Exhibition Collection Offer # 2

These 4 fine May-Flowering Tulips comprise one of the best collections we have ever offered.

Mme. Butterfly
The Peach

Marshall Haig
Glacier

40 Bulbs — 10 each of 4 varieties . \$4.75
(Value \$5.60)

100 Bulbs — 25 each of 4 varieties . 10.75
(Value \$12.00)

MARSHALL HAIG

The best brilliant scarlet Hybrid Tulip of recent introduction. Height 30 in. \$1.40 for 10, \$12.00 per 100.

Culture. Bulbs should be planted 5 to 6 inches deep and not less than 5 inches apart. One-half inch of sand at base of bulbs will amply repay the trouble by the provision for drainage during wet weather. For forcing, bulbs should be planted as soon as received, and the flowers appear to better advantage if pots a trifle deeper than the ordinary bulb-pans are used. We recommend what are termed azalea-pots for this purpose. A temperature of 55 to 60 degrees is recommended, for if allowed to "come gently," larger flowers and longer stems may be had.

Should we cover our Tulips? Tulips are the easiest of bulbous plants to grow. We advise, however, against covering them with any kind of mulch. In the first place, the bulbs do not require warmth. Mulches provide ideal nesting-places for field-mice which seem to like to eat the bulbs. In mild winters mulches encourage premature growth. Greater damage is done to Tulips by poor drainage than cold weather. Our suggestion is to make sure of a well-drained location for success with Tulips.

We have been testing for the past fifteen years approximately 400 new, rare, and standard varieties of Darwin, Breeder, and Cottage Tulips at our Islip Farm. After careful checking, we find the following 86 varieties to be the finest procurable either in Holland, England, or the United States. In offering them to our clients, we do it with the confidence that comes from the knowledge that there are no finer varieties from the standpoint of color, size of bloom, substance of petals, length of stems or duration of bloom. The following list includes the best standard as well as the best new varieties:

ADMIRAL TROMP. Breeder. One of the newer Breeder Tulips, which will become more popular when better known. The general tone of the flower is a bright orange-red shaded salmon. Petals are of good substance and the blooms are large. Height 30 in. \$1.40 for 10, \$12.00 per 100

ADORATION. Darwin. A very lovely color and quite distinct—pale, soft flesh-pink with lighter edge and a white base. Very large, well-formed flower carried on a fine, strong stem. Height 28 in. \$1.70 for 10, \$15.00 per 100

AFTERGLOW. Darwin. Deep rosy orange with salmon shading at edges of petals; inside deep orange with yellowish base. A sport of Baronne de la Tonnaye, which is of remarkable interest because it is the first instance of a Darwin sporting to the Breeder tones. A showy Tulip for outdoors. Height 26 in. \$1.40 for 10, \$12.00 per 100

ALBINO. Cottage. A popular white Cottage Tulip which is largely used for early forcing. Excellent when grown from precooled stock. Height 24 in. \$1.40 for 10, \$12.00 per 100

ALLARD PIERSON. Darwin. Rich crimson-maroon throughout. The flower is of excellent substance and good size. A very popular variety for forcing under glass. Height 26 in. \$1.20 for 10, \$10.00 per 100

May-Flowering Tulips

AND COTTAGE VARIETIES

ARABIAN NIGHT. Darwin. One of the most outstanding of the new large, perfectly egg-shaped Tulips in the Ideal Darwin class. The flowers are of heavy texture and substance. The color is a most unusual chestnut-red with darker sheen. No such color has been available up to now among the Darwin Tulips. Height 30 in.

\$2.20 for 10, \$20.00 per 100

BARBARA PRATT. Cottage. Rich, light cochineal-carmine, edges lilac-rose, with narrow green edge; anthers yellow. A very beautiful Tulip with slightly reflexed petals. Highly recommended for exhibition. In a test of over 100 varieties of new and rare Tulips in the writer's garden, this variety was very frequently commented on. We consider it one of the finest Tulips of recent introduction. Height 36 in.

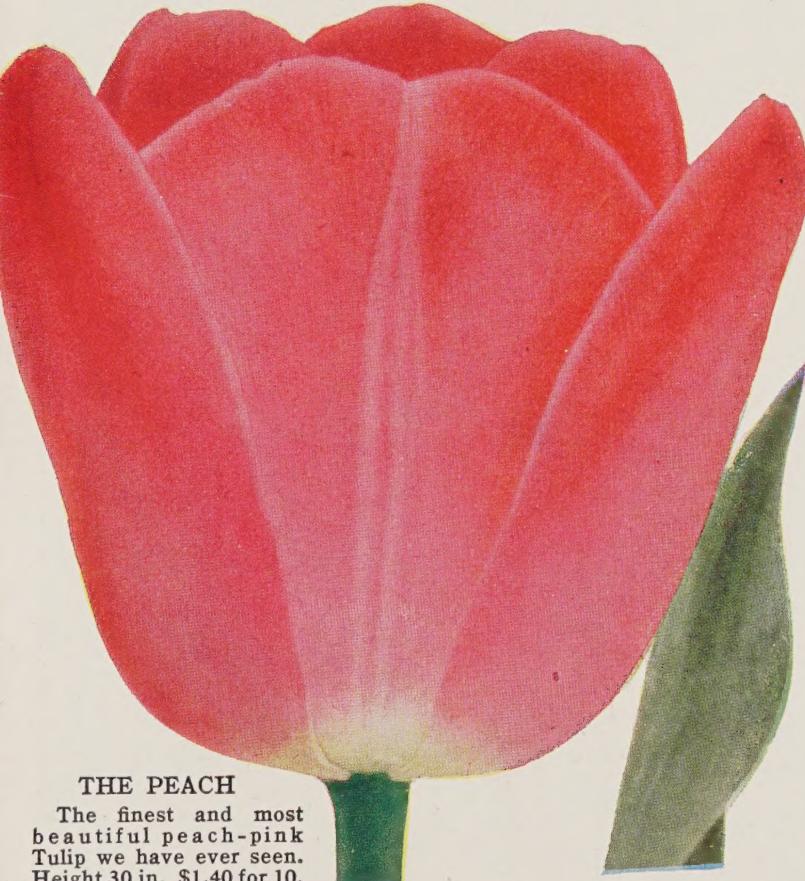
\$1.40 for 10, \$12.00 per 100

BARCAROLLE. Breeder. Deep, shining blue-purple, with a yellow base—a huge flower of a very clear color. An improvement over the variety Bacchus. Large oval-shaped flowers of excellent substance on fine strong stems. Height 30 in.

\$1.70 for 10, \$15.00 per 100

BARTIGON. Darwin. Rich crimson-scarlet which becomes brighter at the margin; white base with rich blue halo. A flower of large size and excellent texture. Very popular for early forcing. Height 26 in.

\$1.20 for 10, \$10.00 per 100



THE PEACH

The finest and most beautiful peach-pink Tulip we have ever seen. Height 30 in. \$1.40 for 10, \$12.00 per 100.

BLACK EAGLE (Blue Eagle). Darwin. Through a trial of several years we have found this variety to be of excellent substance and splendid size. The color is best described as a brilliant, intense, deep purple which glistens in the sunlight. The anthers are pitch black and the base deep blue. A splendid Tulip in every way; excellent for contrasting with pale pink or white varieties. Height 30 in.

\$1.40 for 10, \$12.00 per 100

BLUE PERFECTION. Darwin. A very beautiful Tulip of bright violet, edged heliotrope, with a white base. Petals are pointed and slightly reflexed. Blooms with the early Darwins and remains in good condition throughout the Tulip season. Slightly fragrant. Height 30 in.

\$1.40 for 10, \$12.00 per 100

BELLE JAUNE. Cottage. We consider this one of the best of the rich golden Tulips. The flowers are of fine form, of wonderful substance and are borne on fine, strong stems. Height 30 in.

\$1.40 for 10, \$12.00 per 100

CARRARA. Cottage. This Tulip, when first exhibited in 1921, was considered the finest new white variety. Blooms broadly cup-shaped, with rounded petals that all come to the same level when the flower is half open. Height 26 in.

\$1.40 for 10, \$12.00 per 100

CUM LAUDE. Darwin. Perhaps best described as a deep Campanula-violet with a decided blue overtone; inside an ivory-white center, with shiny lacquered-like blue halo. One of the bluest of all blue Tulips. Height 28 in.

\$2.00 for 10, \$18.00 per 100



GLACIER

Rainbow Collection of

DARWIN • BREEDER

CHARLES NEEDHAM. Darwin. One of the newer red varieties that can now be obtained in larger quantities. In color it is a shade lighter than the popular City of Haarlem. One of the newer reds that should be in every collection. Height 30 in. \$1.40 for 10, \$12.00 per 100

CHERBOURG. Breeder. Old gold, shaded light bronze. Fine, egg-shaped Tulip on a tall, strong stem. Height 32 in. \$1.40 for 10, \$12.00 per 100

CITY OF HAARLEM. Darwin. Intense dark scarlet with darker bloom; large, steel-blue base and white halo. Wonderful cup-shaped flower, with petals incurving slightly at the tips. One of the finest brilliant red Darwins. Quite the largest-flowered Tulip, and a winner in its class at many Tulip exhibitions. Height 27 in. \$1.40 for 10, \$12.00 per 100

CLARA BUTT. Darwin. Beautiful clear salmon-pink. No variety offered by us has the same distinctive and pleasing color. Height 28 in. \$1.20 for 10, \$10.00 per 100

CUNERA. Breeder. A new giant Breeder of deep purplish shaded bronze with yellow base. A flower with splendid substance and large size, borne on fine, strong stems. Height 32 in. \$1.75 for 10, \$15.00 per 100

DEMETER. Darwin. Large, well-shaped, deep violet-blue flower. Earlier than most of the Darwins but remains in good condition for a long time. One of the good varieties for January forcing. \$1.40 for 10, \$12.00 per 100

DIDO. Cottage. A large, well-formed flower of rich orange-rose tone, with margin of bright orange-yellow; inside bright orange with yellow base. A very popular border variety that is always admired in our trials on account of its lively color. Excellent for exhibition. Slightly fragrant. Height 30 in. \$1.40 for 10, \$12.00 per 100

DILLENBURG. Breeder. A variety much on the order of the Cottage Tulip Dido, but of a brighter and deeper tone best described as a glorious salmon-orange. The blooms are perfect. Height 28 in. \$1.40 for 10, \$12.00 per 100

DIXIE SUNSHINE. Breeder. To Tulip fans who liked the tan and lilac combination of the old Breeder Tulip Jaune d'Oeuf, this variety comes as a pleasant surprise. The outside of the petals is a soft yellowish tan with a pale lilac shading and the inside is palest Havana yellow with bright yellow base. An outstanding novelty. Large flower borne on fine strong stems. Height 30 in. \$1.70 for 10, \$15.00 per 100

DOM PEDRO. Breeder. Coffee-brown, shaded maroon, inside rich mahogany. Large flower; very fragrant. Height 12 in. \$1.40 for 10, \$12.00 per 100

DRESDEN CHINA. Darwin. Nicely shaped flower of true Darwin type, carried on a very tall, straight stem. The well-chosen name is indicative of the unusual colorings. It is a very bright Tulip that draws immediate attention in a collection. Height 30 in. \$1.70 for 10, \$15.00 per 100

DUKE OF WELLINGTON. Darwin. A very fine pure white variety with a good strong stem. The flowers are of excellent substance, and the shape of the flowers is of true exhibition form. Height 26 in. \$1.40 for 10, \$12.00 per 100

ECLIPSE. Darwin. A large, deep, rich glowing blood-red flower of fine form. One of the best of its color. A popular variety at all Tulip exhibitions on account of its large flowers, long stems and wonderful substance. Height 30 in. \$1.40 for 10, \$12.00 per 100

ELISSA LANDI. Darwin. The outside petals are bishop's purple, slightly lighter at the edges; inside of bloom is a rich purple with a pure white center and blue halo. A lovely, oval-shaped flower of large size and splendid substance. One of the most outstanding varieties of its color. Height 30 in. \$2.90 for 10, \$27.00 per 100

EUNICE. Darwin. Bright rosy pink with a bluish white base. Large, well-formed flowers of splendid substance carried on a long, strong stem. Height 30 in. \$1.70 for 10, \$15.00 per 100

FARNCOMBE SANDERS. Darwin. A bright shade of scarlet, with a clear white base, contrasting well when the flower is fully open. Broad-petaled flower of large size. One of the best among the less expensive reds for forcing or border planting. Height 28 in. \$1.20 for 10, \$10.00 per 100

FAUST. Darwin. Rich dark satiny purple bloom with a white base. A very large flower—quite the best in its color. Height 30 in. \$1.40 for 10, \$12.00 per 100

GEORGES GRAPPE. Breeder. A welcome addition to the so-called Giant New Breeder Tulips. When well grown the stems attain the height of 48 inches and the flowers are large size and a uniform shade of soft mauve. \$1.40 for 10, \$12.00 per 100



BREEDER TULIP, LOUIS XIV →

Few Tulips have enjoyed such popularity as this one. It seems to be at home in any location in the garden. Its artistic color, magnificent size and texture of bloom is always greatly admired at our Trial Gardens. \$1.40 for 10, \$12.00 per 100

May-Flowering Tulips

AND COTTAGE VARIETIES

GIANT. Darwin. Flower of enormous size and wonderful substance. Deep reddish purple shaded violet. Quite the finest variety of this color, and one that can now be had at a much lower price. Height 30 in. \$1.40 for 10, \$12.00 per 100

GLACIER. Darwin. A new white Ideal Darwin Tulip that has the same fine characteristics as Duke of Wellington as regards long season of bloom and substance, but differs in that the flower resembles the new hybrid Darwin-Cottage type, being decidedly oval and of giant size. One of the best, white Darwin Tulips. Height 30 in. \$1.40 for 10, \$12.00 per 100

GOLDEN AGE. Darwin. Among the many new yellow Darwins of recent introduction, this giant variety is quite the finest. It is bright golden orange—distinctly a new shade in yellow Tulips—and a fine, strong grower with exquisitely shaped flowers. Splendid for exhibition. Height 29 in. \$1.40 for 10, \$12.00 per 100

GOLDEN HARVEST. Cottage. An even tone of bright lemon-yellow. The flower is of excellent substance and very much in demand for early forcing. Height 28 in. \$1.20 for 10, \$10.00 per 100

HUMMING BIRD. Darwin. One of the clearest of all pure violet Tulips. Much on the order of The Bishop, with the same fine substance and strong stem. Much admired at our trial gardens. Height 30 in. \$1.70 for 10, \$15.00 per 100

INDIAN CHIEF. Breeder. A huge flower of wonderful substance and most artistic shape carried on a very tall, strong stem. A color unlike any other Tulip, best described as a reddish mahogany edged warm brown. A leader at Tulip exhibitions. Height 36 in. \$1.40 for 10, \$12.00 per 100

INGA HUME. Cottage. Inside deep yellow, slightly red; outside red with broad, sharply lined yellow edge and large black base. Perfectly formed, large flower on erect stem. Very fine variety, highly recommended for forcing. An unusual color in Tulips, becoming more beautiful as the flower ages. Height 26 in. \$1.40 for 10, \$12.00 per 100

INGLEScombe YELLOW. Cottage. A beautiful variety. Size, form and height greatly resemble the Darwins, so much so that it is frequently called the Yellow Darwin. A deep shade of canary-yellow which gradually becomes edged and suffused scarlet as the flower ages. Height 22 in. \$1.20 for 10, \$10.00 per 100

INSURPASSABLE. Darwin. A well-named variety, for it is truly outstanding. The huge lilac blooms are borne on 34-inch stems. It is far superior to the well-known variety, William Copeland, and is highly recommended for exhibition and forcing. \$1.40 for 10, \$12.00 per 100

JESSY. Breeder. This magnificent Tulip is much like Louis XIV but larger and livelier in color. The general effect is clear coffee-brown, bronzy red. The gigantic flower is borne on a fine, strong stem. Splendid for exhibition. Height 36 in. \$1.40 for 10, \$12.00 per 100

KATHRYN TRUXTON. Breeder. We consider this and Limnos to be the best of the newer shades in this fine class. Outside of the petals is a soft, smoky rose with a beautiful soft copper-yellow edging; inside soft pinkish lavender lightly shaded with old copper, base olive-green. Long, oval-shaped flower of excellent form, lasting a long time in bloom. Height 28 in. \$1.70 for 10, \$15.00 per 100

KING GEORGE V. Darwin. Perhaps best described as deep cherry-rose with a blue base. A flower of very large size and splendid form. One of the most popular varieties for exhibition, and can now be had at an attractive price. Height 26 in. \$1.40 for 10, \$12.00 per 100

KING HAROLD. Darwin. Intense rubycrimson, center rich black. Tall and of fine form; a rich deep color. Very distinct. Height 24 in. \$1.20 for 10, \$10.00 per 100

LADY HILLINGDON. Darwin. This variety has been named after the rose it resembles in color. When flowering outside it is orange shaded buff, a color not found among the Darwins; grown indoors, it is bright orange. Height 20 in. \$1.40 for 10, \$12.00 per 100

LA TULIPE NOIRE (The Black Tulip). Darwin. The nearest in color to the so-called Black Tulip—deep maroon-black, which has a velvety sheen in the sunlight. Height 25 in. \$1.40 for 10, \$12.00 per 100

LIMNOS. Breeder. A lovely egg-shaped flower of soft salmon hues. Outer petals are flushed soft lilac-rose. An outstanding variety greatly admired in our local gardens on account of its unique color. Height 28 in. \$2.20 for 10, \$20.00 per 100

LOUIS XIV. Breeder. An even tone of dark purple, with a broad margin of golden bronze; green-back base starred yellow; very large flower of wonderful substance. A very fine variety and one that should be included in every collection, however rare. Height 30 in. \$1.40 for 10, \$12.00 per 100

← COTTAGE TULIP, ADVANCE Foreground of Porch Border Planting

Blooms most seasons about May 1.

A much-admired Tulip in our trial gardens. It is the result of a cross between *Gesneriana spathulata* and the botanical Tulip Greigi. One of the largest of all Tulip flowers, reminding one when fully opened of an Oriental poppy. The color is fiery red with a blue base. One of the earliest of the May-flowering Tulips. Height 32 in.

Plant whenever you wish to obtain a striking effect. The border shows several other varieties of Darwin Tulips which are beginning to bloom but were not at their best until 10 days later.

\$1.20 for 10, \$10.00 per 100



Rainbow Collection of

DARWIN • BREEDER

LYDIA SPERLING. Hybrid. A gem among the new pale yellow hybrid Tulips. An even tone of soft canary-yellow slightly stippled peach-pink; inside an even tone of pale canary-yellow. A flower of good size and attractive form, borne on a fine, strong stem, and one of the most delicately tinted varieties we have ever seen. Height 28 in. \$1.70 for 10, \$15.00 per 100

MAHOGANY. Darwin. A very large flower of true Darwin form, of a rich, deep shade of mahogany, with a darker base. Excellent for exhibition. Height 30 in. \$1.70 for 10, \$15.00 per 100

MARGAUX. Deep wine-red with broad light edge. A very large flower, oval shaped, with a blue base and carried on a fine strong stem. A wonderful exhibition variety. Height 30 in. \$1.70 for 10, \$15.00 per 100

MARJORIE BOWEN. Cottage. A very unusual shade—a combination of buff and salmon, which passes to deep rose-pink with salmon shading. The large, well-formed flower is borne on a fine, strong stem. Splendid for exhibition; much admired on account of its lively color. Height 29 in. \$1.40 for 10, \$12.00 per 100

MARSHALL HAIG. Cottage. Among the new Tulips this ranks as one of the finest and most brilliant scarlets, with a bright yellow base. A flower of magnificent size and texture, much admired on account of its brilliant tone. We consider this the best brilliant scarlet Hybrid Tulip of recent introduction. Height 30 in. \$1.40 for 10, \$12.00 per 100

MAVOURNEEN. Darwin. A lovely Tulip very much admired in our trial gardens. Delicate lilac and mauve with lighter edges on the petals and a bluish base. A flower of good size and excellent substance, splendid for combining with pale pink varieties. Height 30 in. \$1.70 for 10, \$15.00 per 100

MME. BUTTERFLY. Darwin. A tall and stately exhibition Darwin. The large flowers are egg-shaped and of pale mauve, the middle of the exterior petal shaded with Chinese violet, deepening in the center. Height 30 in. \$1.40 for 10, \$12.00 per 100

MR. VAN ZYL. Darwin. Glorious soft rosy pink with a border somewhat paler. A new Darwin Tulip very much admired in our trials on account of its striking color, large size, and excellent texture. Height 30 in. \$1.40 for 10, \$12.00 per 100

MRS. HAROLD I. PRATT. Darwin. Magnificent globular flower of soft rose and amber, with occasional tones of purple-brown. The petals are broad and rounded, the three outer ones slightly reflexed. Fine, strong-growing variety. Height 30 in. \$1.40 for 10, \$12.00 per 100

MRS. JOHN T. SCHEEPERS. Cottage. Enormous, oval-shaped flower on a fine, strong stem. An even tone of pure golden yellow. Splendid for growing in pots for exhibition. Height 30 in. \$1.40 for 10, \$12.00 per 100

MRS. WILLIAM R. CONKLIN. Darwin. A gem among the new white Ideal Darwin Tulips. Like Glacier, it has beautiful, fine, oval-shaped petals of glistening whiteness, gigantic size, and wonderful substance. It maintains its color through its entire period of bloom. Flowers with the earliest white Ideal Tulips and remains in fine condition with the latest. Height 30 in. \$1.70 for 10, \$15.00 per 100

NIPHETOS. Darwin. Magnificent lemon-yellow, considerably darker at opening, paling to ivory-yellow when fully grown. Flowers of good texture borne on fine, strong stems. Height 30 in. \$1.70 for 10, \$15.00 per 100

OSSI OSWALDA. Cottage. The bloom opens creamy white with a faint trace of rose on the margins of petals; this color spreads with age, and when fully developed the flower is a clear rose. Sometimes this is called a Chameleon Tulip as the color changes from day to day. Height 28 in. \$1.40 for 10, \$12.00 per 100

PRIDE OF HAARLEM. Darwin. Magnificently formed flower of immense size; brilliant, deep rose, shaded scarlet, with light blue base. This variety is perhaps the most widely known for its stately habit and glorious color. Height 25 in. \$1.40 for 10, \$12.00 per 100

PRIDE OF ZWANENBURG. Darwin. Salmon-pink with a narrow margin of bluish rose. The large flower is carried on a strong, stiff stem. One of the finest pink Tulips, of great substance and especially recommended for exhibition. Height 30 in. \$1.40 for 10, \$12.00 per 100

PRINCE OF ORANGE. Breeder. Dark terra-cotta-brown, shaded yellow, with a yellow base starred black. A very fine variety, lasting long in good condition. Sweetly scented. \$1.40 for 10, \$12.00 per 100

PRINCESS ELIZABETH (Julie Vinot). Darwin. Beautiful, clear, deep pink, changing with age to rose-pink; white base. Large, like a rose when first open. Height 26 in. \$1.20 for 10, \$10.00 per 100

PRINCESS MARY. Darwin. Bright carmine-rose with margin of rose-pink; inside clear creamy rose with a blue base and halo. Huge flower on a splendid stem. A magnificent variety in every way and much admired at all Tulip exhibitions. \$1.70 for 10, \$15.00 per 100

QUEEN OF SPAIN. Cottage. The Tulip fancier in search of new and lovely shades of Tulips will find Queen of Spain a gem in every way. The general color of the flower is delightful cream with a subtle flushing of peach-pink. Very lovely and distinct. Fine, large, cup-shaped flower. Height 28 in. \$1.70 for 10, \$15.00 per 100

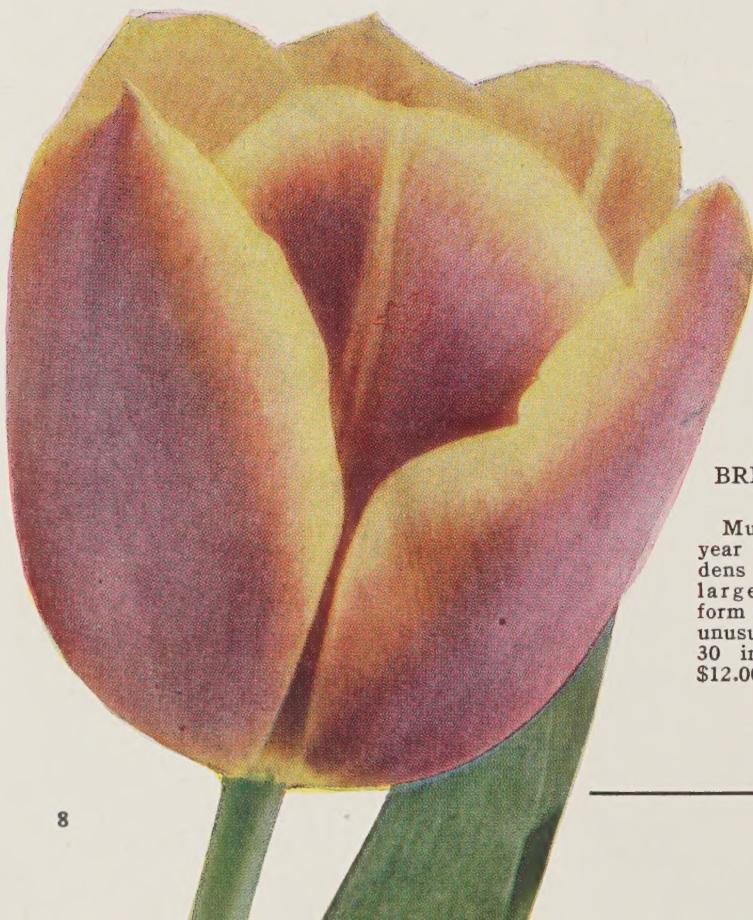
REV. H. EWBANK. Darwin. An exquisite shade of soft lavender-violet slightly shaded silver-gray. A variety of great merit on account of its lovely color. Height 23 in. \$1.20 for 10, \$10.00 per 100

ROSABELLA. Cottage. This variety—one of the finest introductions in Cottage Tulips of recent years—is a beautiful shade of salmon-rose. When planted in the hardy border, especially when the early-blooming *Anchusa myosotidiflora* is used as a ground cover, it creates a very charming effect. Height 26 in. \$1.40 for 10, \$12.00 per 100

ROSE COPELAND. Darwin. A sport of the wonderful forcing variety William Copeland. A beautiful shade of rose-lavender. Height 25 in. \$1.20 for 10, \$10.00 per 100

SCARLET LEADER. The extra large flowers are a brilliant vermillion-scarlet. It blooms with the latest Darwins and is one of the most striking of the newer Darwin Tulips. Height 29 inches. \$1.40 for 10, \$12.00 per 100

STUMPP & WALTER



BREEDER TULIP
TANTALUS

Much admired each year in our Trial Gardens on account of its large size, excellent form and substance and unusual color. Height 30 in. \$1.40 for 10, \$12.00 per 100.

May-Flowering Tulips

AND COTTAGE VARIETIES

SCOTCH LASSIE. Among the best pure deep lavender Tulips. The flower is of wonderful size and substance, with slightly reflexing petals, and remains in good condition longer than most varieties of this color. Height 28 in.

\$1.40 for 10, \$12.00 per 100

TANTALUS. A very much admired Tulip at all exhibitions on account of its fascinating color. Large, cup-shaped flower of excellent substance, of light cadmium-yellow overlaid with dull slate-violet. Height 30 in.

\$1.40 for 10, \$12.00 per 100

THE BISHOP. Darwin. One of the most outstanding Tulips at most exhibitions and conceded the finest in its class. Best described as the purest heliotrope shade in the Darwins. A large, bowl-like flower of very artistic coloring. Height 30 in.

\$1.40 for 10, \$12.00 per 100

THE PEACH. Darwin. Without a doubt, this is one of the finest peach-pink Tulips introduced to date. The color is an even tone of peach-pink. The flowers are large, of splendid substance, and are borne on strong stems; when grown indoors, the color is very beautiful. It blooms with the early Darwins and remains in fine condition with the later ones. Height 30 in.

\$1.40 for 10, \$12.00 per 100

VELVET KING. Breeder. Deep, glossy purple-maroon, with a white base; gigantic size. A magnificent Tulip for the border or shrubbery and forms an effective contrast with light-colored Tulips. Height 28 in.

\$1.70 for 10, \$15.00 per 100

VENUS. Darwin. We are glad to be able to reoffer this beautiful pink Tulip now that stocks are becoming more plentiful since the war. The flower is a uniform deep pink, with a faint flush of paler pink at the top of the inner petals. The flower is of excellent size and the cup somewhat pointed. A uniformly pure deep pink Tulip. Height 30 in.

\$1.40 for 10, \$12.00 per 100

WILLIAM COPELAND. Darwin. Uniform lilac-rose. May be forced as early and as easily as the Early Tulips. The color, when grown indoors, is a beautiful lavender. Height 24 in.

\$1.20 for 10, \$10.00 per 100

WILLIAM TELL. Darwin. Several varieties have been introduced from time to time, described as an improved Clara Butt, having the same delightful salmon-pink coloring. We believe this variety comes closer to being similar than previous much-heralded ones. A deep tone of raspberry-rose with slightly paler flush on edge of petals, rich rose-pink inside. Large flower on fine strong stem. Height 26 in.

\$1.70 for 10, \$15.00 per 100

WHITE GIANT. Darwin. While we consider Glacier and Mrs. Wm. R. Conklin the two finest white hybrid May-flowering Tulips, many of our patrons like the true Darwin form of White Giant. The large, well-formed flowers are of splendid substance. Height 30 in.

\$1.40 for 10, \$12.00 per 100

WILLIAM PITT. Darwin. Very dark crimson, with purplish bloom on the outer petals. Large flower of distinct color and one that can be forced in bloom early. Height 24 in.

\$1.40 for 10, \$12.00 per 100

YELLOW EMPEROR. Cottage. Rich deep golden yellow, darkening with age. One of the finest of the deep yellow Cottage Tulips. The splendid form of the flower, its excellent substance, large size and long-lasting qualities make it one of the most desirable yellow Tulips for the garden. Height 30 in.

\$1.40 for 10, \$12.00 per 100

YELLOW GIANT. Darwin. A rich, deep golden yellow, fine, large, globular flower, carried on long, strong stem. Height 28 in.

\$1.20 for 10, \$10.00 per 100

ZWANENBURG. Darwin. This variety, which first appeared in a specialist's culture, was noted by us in 1913 when there existed six bulbs. It is the first example of a pure white Darwin. Height 28 in.

\$1.40 for 10, \$12.00 per 100

S. & W.'s Darwin, Breeder and Cottage Tulip Mixture

90 cts. for 10, \$8.00 per 100,

\$75.00 per 1000



PARROT TULIPS (MAY-FLOWERING)

We are pleased to offer a list of this beautiful class of Tulips. Since we introduced the variety Fantasy, many new and colorful varieties have been added. We offer eight of the newer varieties which can now be offered at more reasonable prices.

BLUE PARROT. A remarkably beautiful variety and one of the best in this section. Strong stems carry fully open, bluish heliotrope flowers of enormous size with laciniated edges. Height 30 in. \$1.70 for 10, \$15.00 per 100

FANTASY. A sport of the Darwin Tulip, Clara Butt; exactly the same beautiful true pink, except that the inside is even more intense—a delightful warm pink, thrilling to the eye of the Tulip-lover. The petals of this quaint flower are laciniated and the outside or back is artistically marbled with apple-green. Fantasy grows the same height as Clara Butt and blooms at the same time outdoors. Height 27 in. \$1.20 for 10, \$10.00 per 100

GADELAN. When fully developed, this flower reminds one of a beautiful orchid. At opening, it measures 7 inches across, with a blending of blues and purples edged white, with blue-green markings. The inside of the flower is a bright violet-purple with a white center and contrasting black anthers. Height 24 in. \$2.70 for 10, \$25.00 per 100

ORANGE FAVORITE. Glistening deep orange, shaded rose, inside deep orange-scarlet with yellow base. Sweet-scented flower of great size and brilliant coloring. Height 23 in. \$1.70 for 10, \$15.00 per 100

RED CHAMPION. The flowers are cochineal-carmine with a lovely rosy red bloom or glow. Sport of the popular red Darwin Tulip, Bartigon. A splendid variety; fine strong, stiff stem. Height 23 in. \$2.00 for 10, \$18.00 per 100

SUNSHINE. Clear golden yellow, deeply laciniated and cut. Sometimes slight marks of green enhance the beauty of this flower. Height 16 in. \$2.20 for 10, \$20.00 per 100



GADELAN



FANTASY

THERESE. Bright scarlet with green markings on the outside; inside of flower is a vivid cerise-scarlet with white center tinted blue. This is an excellent form of Franklin Saunders Tulip. Height 30 in. \$2.20 for 10, \$20.00 per 100

VIOLET QUEEN. A large flower often measuring 6 inches across, in a most artistic blending of soft lilac with large white center. An attractive variety in every way. Height 22 in. \$1.70 for 10, \$15.00 per 100

The
**PARROT
TULIPS**
MAY-FLOWERING

LILY-FLOWERING TULIPS (MAY-FLOWERING)

This type of Tulip, which is now becoming popular in American gardens, is the result of crossing the urn-shaped Tulip, Retroflexa, with one of the pink Darwins. The varieties, some of which we have previously listed among our Cottage and Hybrid Tulips, are very decorative. The flowers are urn-shaped, with long, recurving petals that give them a lily-like shape. They bloom at the same time as the Darwin, Breeder, and Cottage Tulips.

CAPTAIN FRYATT. Dark ruby-violet with violet-blue center; strong reflexed petals. The only Tulip of its color, this is a most attractive Lily-flowered variety. Height 24 in.

\$1.40 for 10, \$12.00 per 100

FASCINATING. Exterior bright sulphur-yellow, interior dark lemon-yellow. Large, reflexing petals of perfect shape; tall, straight stem. Height 26 in.

\$1.70 for 10, \$15.00 per 100

GOLDEN EMBLEM. Large, long-pointed flower with golden yellow reflexing petals. Stiff stem. We believe this to be the best of the Lily-flowering Tulips in this color. Height 23 in.

\$1.70 for 10, \$15.00 per 100

RHODES. The finest of the new pink Lily-flowering Tulips with a pure white base. A real pink Tulip. Height 20 in.

\$1.40 for 10, \$12.00 per 100

STANISLAUS. One of the finest of the Lily-flowering varieties in an orange shade. An even shade of brilliant orange. Height 23 in.

\$1.70 for 10, \$15.00 per 100

THE BRIDE. Pure white flowers of great substance with much reflexed petals. We consider this the best pure white Lily-flowering Tulip. Height 22 in.

\$1.70 for 10, \$15.00 per 100



Single and Double Early TULIPS

APRIL-FLOWERING



DOUBLE EARLY FLOWERING TULIPS

SINGLE EARLY TULIPS (APRIL-FLOWERING)

Principally used for forcing in pots or pans in winter or for formal outdoor bedding. They bloom about two weeks before the other Tulips in April. They grow to an average height of 12 to 14 inches and are excellent for planting where early flowers are desired.

BRILLIANT STAR. Bright vermillion-scarlet, the most vivid color of all the early Tulips.

COULEUR CARDINAL. Brilliant crimson-scarlet with a deeper tone or bloom on the outer petals.

DE WET. Golden yellow, flushed deep orange; large, sweet-scented flower of erect habit. Quite different in color from any other variety. A glorious flame-color Tulip for any position in the garden and an equally beautiful variety when grown indoors.

IBIS. Deep carmine with pink margin and rose in the middle of the outer petals.

KEIZERSKROON. Bright crimson-scarlet, edged clear, rich yellow; excellent, large flower on long stem. Fine bedder; splendid for forcing.

PINK BEAUTY. Bright cherry-rose, center of petals striped white. It has no equal as a bedder, for the stem is strong and the white center of the big, fleshy petals shows very conspicuously against the broad, vivid rose edges.

PRINCE OF AUSTRIA. Brilliant orange-scarlet, with a clear yellow base; flower large and of a very attractive shade when forced.

RISING SUN. A variety used for exhibition on account of its pure yellow color and wonderful size and substance. The finest golden yellow Early Tulip introduced to date.

WHITE HAWK. A pure white variety, excellent for forcing or for bedding, lasting in good condition for a long time.

S. & W.'S SPECIAL MIXTURE. A mixture consisting of the best distinct colors for the cutting garden.

All Single Early Tulips, including Mixture, \$1.40 for 10, \$12.00 per 100

DOUBLE EARLY TULIPS (APRIL-FLOWERING)

Double Tulips are grown chiefly for their showy effect in masses and are very lasting. Where a display of color is desired they are very satisfactory. Excellent for growing in pots or pans, but should not be forced into bloom too early. They grow to the average height of 12 to 14 inches.

COURONNE D'OR (Crown of Gold). Large, bold flower of rich golden yellow, shaded copper. Excellent for bedding and winter forcing.

MARECHAL NIEL. A bright orange-yellow Tulip of great beauty and substance; its color resembles that of the famous Marechal Niel rose. The best in this color for forcing.

MR. VAN DER HOEF. A yellow sport of Murillo with all its superb qualities. One of the finest of the primrose-yellow, double Tulips.

MURILLO. Delicate rose-pink, flushed white. Fine for bedding and excellent for forcing.

PEACH BLOSSOM. Bright rose-pink, flushed white, deepening with age to carmine-rose; large. Excellent for pots.

SCARLET CARDINAL. Bright dazzling scarlet, the earliest double red Tulip for forcing. May be had in flower the first week in January.

SCHOONOORD. A beautiful, pure white sport of Murillo, with the same excellent forcing qualities. One of the best double white varieties, if not the best.

VUURBAAK. Brilliant scarlet; when fully open the flower gets an orange hue. A very good bedding scarlet.

S. & W.'S SPECIAL MIXTURE. A mixture consisting of 15 named varieties, blended so as to give an assortment of all possible colors and shades, all of vigorous habit and large size, uniform height and time of blooming.

All Double Early Tulips, including Mixture,
\$1.40 for 10, \$12.00 per 100

• DOUBLE PEONY-FLOWERED TULIPS •

This wonderful new race of Tulips blooms during May

Among the recent advances made by Tulip hybridizers in Holland, the Double Late Tulip may be counted as a distinct achievement from the standpoint of the wonderful peony-like flowers, strong stems, and well-filled blooms. For mass effect in the herbaceous border there are few Tulips that will give such a wonderful display. They bloom during May, at the same time as the Darwin, Breeder, and Cottage Tulips.

BLUE FLAG. Large, soft violet-purple flowers of a very pleasing color. A fine Tulip for cutting and excellent for planting in the herbaceous border. Height 14 in.

EROS. Very large flower of clear rose color. A very interesting Tulip, with a flower closely resembling a peony. One of the best for the American garden, as the flower has fine substance. Height 16 in.

MOUNT TACOMA. In form this Tulip is somewhat like a semi-double, pure white peony, the petals being slightly laciniated. Another real gem for the herbaceous border on account of its good form and large size. Height 26 in.

UNCLE TOM. Large, peony-like flowers of a uniform deep glossy red. A Tulip that makes a grand display in the border. Height 24 in.

Any of the preceding 4 varieties,
\$1.50 for 10, \$13.00 per 100

Do Bulbs Require Plant-Food?

Bulbs require a well-balanced organic food. We have prepared a fertilizer, the same formulae as used at our Islip Bulb Farms. This plant-food has been prepared after long experience has taught us the best formulae and materials to use. Excellent for mixing with soil for all bulbs at planting-time.

S. & W.'s Bulb Fertilizer—

5 lbs. 75cts.; 10 lbs. \$1.25; 25 lbs. \$2.00
50 lbs. \$3.75; 100 lbs. \$6.00; 500 lbs. \$27.50

Plant these gorgeous Tulips in clumps of 5 and 10 bulbs each along the shrubbery border and enjoy their gorgeous color during May—just as your shrubs begin to blossom.



Special Collection Offer

We offer a special collection of these beautiful Peony-flowered Tulips:

Blue Flag
Eros

Mount Tacoma
Uncle Tom

40 BULBS . . . 10 each	\$ 5.25
4 varieties (Value \$6.00) . . .	\$ 5.25
100 BULBS . . . 25 each	
4 varieties (Value \$13.00) . . .	\$ 11.50



MOUNT TACOMA

Botanical and Species TULIPS

American gardeners are just beginning to appreciate the resources of the wild Tulips or species. A wide range of brilliant color is represented in their various forms, and they are permanent plants when once established. Being natives of southern Europe and western Asia, they are accustomed to hot, dry locations, particularly after blooming time, and should be given sheltered locations exposed to the sun, with the freest possible drainage. Do not fertilize the soil nor protect them; plant them very deep and leave them alone ever after. These Tulips are at home on steep, gravelly slopes or well-drained, sunny places in large rock gardens, but most of them are too large and too gorgeous for the tiny rockery. They bloom early and continue for many days. Plant them in clumps, not in serried ranks, and you will bless the day you bought them.

ACUMINATA (Cornuta; Stenopetala). This variety has very narrow petals, ending in a threadlike point at the top. The color is yellow, streaked red, very showy and attractive. Height 18 in.
\$1.70 for 10, \$15.00 per 100

AUSTRALIS. A May-flowering type, with sweetly scented flowers; yellow tinged with reddish bronze on the outside of the petals. An unusual species. Height 16 in. \$1.40 for 10, \$12.00 per 100

BIFLORA. A pretty little species from the Altai Mountains, blooming in early March on branching stems. The flowers are cream-colored, shaded on the outside with purplish rose and green. Height 8 in.
\$1.20 for 10, \$10.00 per 100



CLUSIANA

CHRYSANtha. Small flower on slender stem. Yellow, exterior red, much resembling a yellow form of *T. stellata*.
\$1.00 for 10, \$8.00 per 100

CLUSIANA. The "Little Lady" Tulip. A lovely little variety which originated in Asia Minor. Grows about 8 inches high, with flowers as large as a crocus. Outer petals cherry-red, inner petals white with violet base. Should be planted 8 to 9 inches deep in light soils in a sheltered place. Excellent bulb for the rock garden.
90 cts. for 10, \$8.00 per 100

DASYSTEMON. A dwarf variety very suitable for rock gardens. Flowering in early April, they are very charming. The flowers, yellow in color, marked white, are produced freely, several blooms to each plant. Height 6 in.
\$1.40 for 10, \$12.00 per 100

EICHLERI. This splendid Tulip from Turkestan produces large crimson-scarlet flowers with a glistening black center marked with gold. Height 12 in.
\$1.10 for 10, \$9.00 per 100

FLORENTINA ODORATA (Sylvestris). Fragrant, rich yellow flowers, frequently two to a stem, with bronze interior, carried on slender stems. An interesting species. Height 18 in.
\$1.20 for 10, \$10.00 per 100

KAUFMANNIANA. One of the earliest of all the Tulips to come in flower. Creamy white, tinged rosy red, the markings varying. The flowers are very attractive, large in size, with petals reflexing. Sometimes called the "Water-lily Tulip" from the resemblance of the partially opened flowers to those of the Nymphaeas. A splendid Tulip in every way for outdoor planting or indoor growing. Blooms outdoors in early April.
\$1.10 for 10, \$9.00 per 100

KAUFMANNIANA SEEDLINGS. A beautiful range of color variation out of the original Kaufmanniana.
\$1.40 for 10, \$12.00 per 100

LINIFOLIA. Another fine species from Bokhara. Glowing scarlet with blue-purple center, flowering in early April. Height 7 in.
\$1.70 for 10, \$15.00 per 100

MARJOLETTI. Pale yellow, mottled toward the outer petals with scarlet. A lovely species which blooms outdoors during late April. Height 14 in.
\$1.40 for 10, \$12.00 per 100

PRAESTANS. Orange-red flowers early in April. When fully open, they are a pretty scarlet and measure 6 inches across. The stems and leaves are covered with soft white hairs. Produces as many as 6, and even 8, flowers to a stem. Height 14 in.
\$1.40 for 10, \$12.00 per 100

RED EMPEROR. Glowing red flowers of enormous size. When entirely open, they sometimes measure 9 inches across. Stems are 10 to 12 inches tall. They bloom with the earliest Tulips and are fine for the rock garden.
\$1.20 for 10, \$10.00 per 100

VIRIDIFLORA PRAECOX. One of the oldest of the Botanical Tulips, frequently referred to as the Green Tulip. Large, well-formed, wide-open flower with pointed petals of a soft pale green edged with creamy yellow. Very nice to cut with yellow and pink Tulips. Blooms with the Darwins. Height 22 in.
\$2.20 for 10, \$20.00 per 100



KAUFMANNIANA

Exhibition HYACINTHS

Pink and Red Varieties

LADY DERBY. Clear rose-pink.

LA VICTOIRE. Red.

MARCONI. Bright rose-pink.

PINK PEARL. An improvement on the old variety Gertrude.
Bright rose-pink.

PRINCESS MARGARET. Clear even shade of soft rose-pink.

QUEEN OF THE PINKS. Bright lively pink.

White Varieties

ARENTEINE ARENDSEN

L'INNOCENCE

Yellow Variety

CITY OF HAARLEM

Any of the above, 30 cts. each,
\$2.75 for 10, \$25.00 per 100

MATCHLESS BEDDING HYACINTHS

SPECIAL NAMED VARIETIES
IN DISTINCT SHADES OF COLOR,
TO FLOWER AT THE SAME TIME
Bulbs measure 6 to 7 inches in circumference

The Hyacinth chosen to represent each of the following shades of color is a variety which we have found from trials will be best in the three essential requirements: best in its color; stoutest stem; largest truss of bells; so our patrons will know that we have avoided using varieties that are of weak stem and that do not support the blooms.

Culture. These Hyacinths should be planted from 6 to 10 inches apart and covered with at least 4 inches of soil from the top of the bulb. For beds or borders close to the conservatory or dwelling, 6 inches will make a fine display; but where the beds are planted to be viewed from a distance, they may be planted 10 inches apart. Hyacinths planted alternately with narcissus produce a most graceful effect, and for this combination 6 inches from bulb to bulb is also a very suitable distance.

Hyacinths, as well as narcissus, should be planted by November 1, in this latitude, as they are the better for early planting. Tulips may be planted up to December 1, weather permitting.

PURE WHITE
RICH YELLOW
LIGHT PINK
LIGHT BLUE

DARK BLUE
DARK PINK
BRIGHT SCARLET

20 cts. each, \$1.90 for 10, \$18.00 per 100

French Roman Hyacinths

These are among the earliest bulbs to bloom. They arrive late in August and may be had in flower from November all through the winter months, if potted up in September and at intervals of every two weeks. They are much prized for pots or cutting on account of their graceful appearance and delicate fragrance.

WHITE. Large Bulbs. 30 cts. each, \$2.50
for 10, \$20.00 per 100.

BLUE. Light blue. 20 cts. each, \$1.50 for 10,
\$12.00 per 100.

PINK. Bright pink. 15 cts. each, \$1.20 for 10,
\$10.00 per 100.

Every year our growers prepare to select the finest grade of Hyacinths for us for exhibition. These bulbs are of maximum size, and fully aged for this purpose. The varieties listed below are grown especially for us, and intending exhibitors at the International Flower Show next spring will be interested in our selection of varieties which we believe, when grown for exhibition, should capture first premiums.

We offer only the best sorts. Bulbs such as we supply should be planted singly in a 5-inch pot, or four bulbs to an 8-inch bulb-pan.

Light and Dark Blue Varieties

DR. LIEBER. Lavender-blue.

KING OF THE BLUES. Dark blue.

MYOSOTIS. Light blue.

GRAND MAITRE. Bright blue.

Any of the above, 30 cts. each, \$2.75 for 10, \$25.00 per 100





LORD WELLINGTON



MRS. R. O. BACKHOUSE

New and Rare DAFFODILS

We are pleased to offer the following 12 varieties of Daffodils which heretofore have been offered at much higher prices. Owing to larger stocks, they may not be obtained at much lower prices.

BEERSHEBA. White Trumpet. A magnificent pure white flower. Large, perfectly flat perianth; trumpet long and beautifully flanged at the mouth. A flower of great size, measuring nearly 5 inches across. Vigorous grower and a grand exhibition variety.

40 cts. each, \$3.50 for 10, \$30.00 per 100

DUKE OF WINDSOR. Incomparabilis. One of the best of the new Incomparabilis varieties, having all the fine qualities of that excellent variety John Evelyn. The perianth petals are pure white; the overlapping pale yellow cup is very flaring and short, nicely ruffled. Inside of cup shows delicate flaking of broad golden band. Very strong growing. 75 cts. each, \$7.00 for 10, \$65.00 per 100

FEDORA. Incomparabilis. One of the finest of the John Evelyn seedlings raised to date. Very large, flat-lying and overlapping creamy white perianth, the crown deeply imbricated and frilled, uniform orange-yellow except for a deeply defined margin. A most refined show flower that will become quite popular when better known. 50 cts. each, \$4.50 for 10, \$40.00 per 100

LORD WELLINGTON. Yellow Trumpet. This glorious Daffodil is one of the best of all yellow Trumpets. The enormous flowers of self rich golden yellow, with broad, massive petals and immense trumpet, is carried on a tall and strong stem. It is a most valuable variety for February forcing and lasts a long time cut or in pots. An exquisite flower. 25 cts. each, \$2.00 for 10, \$18.00 per 100

MERULA. Incomparabilis. Among the best of the newer Daffodils introduced recently. The perianth is a soft even tone of yellow; the wide-open trumpet is light orange, beautifully frilled and fringed. A splendid exhibition variety.

75 cts. each, \$7.00 for 10, \$65.00 per 100

MOUNT HOOD. White Trumpet. We consider this and Romaine two of the finest of the newer white Trumpet Daffodils. The flower is of excellent form, with pure white perianth and large creamy trumpet which changes to pure white when in full bloom.

50 cts. each, \$4.50 for 10, \$40.00 per 100

COLLECTION

We are very glad to be able to offer for the first time this beautiful Collection of 4 New and Rare Daffodils, which now can be obtained at much lower prices.

Lord Wellington

Mrs. R. O. Backhouse

Beersheba

Scarlet Elegance

20 Bulbs, 5 each of the above 4 varieties (value \$5.90) **\$5.00**

40 Bulbs, 10 each of the above 4 varieties (value \$11.80) **\$9.50**

MRS. R. O. BACKHOUSE. Pink Trumpet. The famous original "Pink Daffodil." Beautifully proportioned perianth of ivory-white; long, graceful trumpet of apricot-pink, changing to shell-pink at the deeply fringed edge. Beautiful, long lasting and early flowering.

50 cts. each, \$4.50 for 10, \$40.00 per 100

NOVA SCOTIA. Incomparabilis. This beautiful novelty has a very large, flat golden yellow cup with heavily fringed, deep orange margin. The perianth is creamy white. One of the finest of this type. Excellent for exhibition.

50 cts. each, \$4.50 for 10, \$40.00 per 100

PRESIDENT LE BRUN. Bicolor Trumpet. Deep yellow trumpet tinged orange; overlapping pure white perianth. Large flower of wonderful form and substance. One of the best of the bicolor varieties. It flowers freely and is an excellent for indoor growing as in the garden. 40 cts. each, \$3.50 for 10, \$30.00 per 100

ROMAINE. White Trumpet. Another very fine new giant white trumpet. Opens creamy white, with smooth overlapping perianth, turning to pure white. Excellent for early forcing or garden culture.

40 cts. each, \$3.50 for 10, \$30.00 per 100

SCARLET ELEGANCE. Incomparabilis. A flower of unusual color and rare beauty. The contrast between the deep golden yellow of the perianth and the intense red of the cup is most striking. The perianth is smooth and flat and of very strong texture, standing at right angles to the cup, which is narrow and long. Intense red throughout and an early bloomer; lasts in good condition. Blooms with the early Daffodils and is one of the finest varieties for exhibition.

20 cts. each, \$1.80 for 10, \$15.00 per 100

SCARLET LEADER. Incomparabilis. Among the so-called red-cup Daffodils, Scarlet Leader is one of the finest, if not the finest. Perfectly flat, creamy white petals with large, deep red crown. A very striking variety for garden planting and a frequent winner in the Daffodil shows.

75 cts. each, \$7.00 for 10, \$60.00 per 100



BEERSHEBA



SCARLET ELEGANCE

Trumpet DAFFODILS

Under this heading we offer in alphabetical order what we believe to be the best of Yellow Trumpet, White Trumpet and Bicolor Trumpet Daffodils.

AEROLITE. The large flower is beautifully proportioned, giving the impression of gracefulness, despite its size. Perianth deep primrose, with a pure medium yellow trumpet which is left in bold relief by the broad-pointed star formed by the flat opening outer petals, $1\frac{1}{2}$ inches wide. Medium early, but remains until late, and is one of the longest lasting of all Daffodils either in the garden or after being cut. 20 cts. each, \$1.80 for 10, \$15.00 per 100

GOLDEN HARVEST. Rich deep yellow trumpet of very large size. One of the earliest to bloom and one that is usually placed in cold storage for early forcing. Chiefly used for early greenhouse forcing. 20 cts. each, \$1.80 for 10, \$15.00 per 100

INSURPASSABLE. This variety, an even tone of deep yellow, blooms about the same time as King Alfred outdoors but is somewhat larger. 30 cts. each, \$2.50 for 10, \$20.00 per 100

KING ALFRED. A king among the fine varieties. Rich, lustrous golden yellow throughout. Extremely vigorous in habit. Perianth often measures 4 inches across, trumpet fully 2 inches.

First Size 20 cts. each, \$1.80 for 10, \$15.00 per 100
Double Nose 30 cts. each, \$2.50 for 10, \$20.00 per 100

MRS. ERNEST H. KRELAGE. Considered one of the finest pure white Trumpet Daffodils. Even tone of pure white throughout. Free flowering and of outstanding vigor. 30 cts. each, \$2.50 for 10, \$20.00 per 100

REMBRANDT. Among the uniform deep yellow Trumpet Daffodils, this is one of the finest newer introductions that now can be obtained at a reasonable price. The perianth and trumpet are a deep uniform shade of yellow. 30 cts. each, \$2.50 for 10, \$20.00 per 100

SPRING GLORY. Clear white, informal type perianth; long trumpet of deep yellow, reflexing at the edge. Double Nose 30 cts. each, \$2.50 for 10, \$20.00 per 100

VAN WAVEREN'S GIANT. A giant trumpet of golden yellow with creamy white perianth, is carried on a long, sturdy stem. One of the largest Bicolor Daffodils. A valuable variety for forcing and cutting. 30 cts. each, \$2.50 for 10, \$20.00 per 100



BLUE GRAPE HYACINTH (*Muscari armeniacum*)

Among the prettiest of all the early blue flowers to plant among your Daffodils are the blue Grape Hyacinths. They are comparatively inexpensive and remain with you a long time if left undisturbed. 45 cts. for 10, \$4.00 per 100, \$35.00 per 1000.

Medium Trumpet

LEEDSI VARIETIES, continued

GERTIE MILLAR. Pure white perianth as large as Van Waveren's Giant, with a well-proportioned, pale primrose cup, deeply fluted and frilled. Unusually long pistils and anthers match these colors perfectly. 20 cts. each, \$1.80 for 10, \$15.00 per 100

LORD KITCHENER. A particularly heavy bloomer; increases rapidly and is very hardy. Quite outstanding in this group. Broad, flat, pure white perianth and very pale primrose crown. 20 cts. each, \$1.50 for 10, \$12.00 per 100

QUEEN OF THE NORTH. A most refined flower; perianth pure white, with elegantly fluted yellow cup. Fine for moderate forcing and outside planting. 20 cts. each, \$1.50 for 10, \$12.00 per 100

SILVER STAR. By far the earliest of the Leedsi to come into bloom. Broad-petaled, star-shaped perianth of creamy white, with finely proportioned, wide-mouthed cup of primrose. A very free-flowering variety. 20 cts. each, \$1.80 for 10, \$15.00 per 100

TUNIS. A large, tall and vigorous flower of great lasting substance. The broad, white perianth holds a large, handsomely serrated crown of ivory. 30 cts. each, \$2.50 for 10, \$20.00 per 100



MRS. E. H. KRELAGE

Barri Varieties

Division 3. Distinguishing character, cup or crown less than one-third the length of the perianth segments. The cups differ from the Incomparabilis varieties in that these are flat, resembling the cup of the Poeticus varieties. **We offer seven distinct varieties:**

ALCIDA. Giant flower. Creamy perianth opening flat, star-shaped, with individual petals over $1\frac{1}{2}$ inches wide; broad, citron-yellow cup with blood-orange frill. Strong grower; fine substance; free-flowering. Very late. 20 cts. each, \$1.80 for 10, \$15.00 per 100

DIANA KASNER. Cream-yellow perianth and large, fluted yellow cup with blood-red frill. Very free-flowering and an excellent forcer. 20 cts. each, \$1.50 for 10, \$12.00 per 100

FIRETAIL. Remarkably beautiful and striking flower. Broad, ivory-white perianth of great substance; prettily fluted and frilled cup of a most vivid orange-scarlet. A handsome border plant and very valuable for forcing. 20 cts. each, \$1.50 for 10, \$12.00 per 100

HADES. One of the finer of the newer Barri Daffodils, which can now be had at a much lower price. The flower is of large size and wonderful substance. Creamy white perianth, with cherry-red flat crown, the darkest of all the red cups. 50 cts. each, \$4.50 for 10, \$40.00 per 100

LADY DIANA MANNERS. A charming and distinctive Daffodil. Broad, pure white, overlapping perianth with large, brilliant red cup. Excellent for exhibition purposes. 20 cts. each, \$1.80 for 10, \$15.00 per 100

MRS. BARCLAY. Large flower with broad-petaled, reflexed, overlapping perianth of pale primrose changing to pure white. 20 cts. each, \$1.50 for 10, \$12.00 per 100

VERGER. Very large, opening perfectly. Poeticus white of an exceptional texture. Medium-sized with a brilliant deep red cup. 20 cts. each, \$1.80 for 10, \$15.00 per 100

Leedsi Varieties

Division 4. Distinguishing character, perianth white and cup or crown white, cream or citron, sometimes tinged pink or apricot.

Different from the Barri and Incomparabilis types, which are crosses between the Yellow Trumpets and the Poeticus, Leedsi are crosses between the White Trumpets and the Poeticus. **We offer 6 fine distinct varieties:**

DAISY SCHAEFFER. The flower is $4\frac{1}{2}$ inches across, with cup nearly 2 inches, resembling a Giant Trumpet, but more graceful. Perianth pure white, with cup opening primrose and turning to light canary-yellow, deeper at the base; long, lemon-yellow stigma and styles add to the color harmony of this remarkable flower. Undoubtedly a leader for years to come.

20 cts. each, \$1.80 for 10, \$15.00 per 100

FOUR FINE DAFFODILS Special Collection Offer

We offer four fine Daffodils that are suitable for any location in the garden and are excellent for cutting for home decoration.

KING ALFRED. A wonderful deep yellow Trumpet.

MRS. E. H. KRELAGE. One of the best of the popular white Trumpets.

LADY DIANA MANNERS. One of the really fine Barri Daffodils.

KILLIGREW. An excellent red-cup Incomparabilis.

20 BULBS—5 each of the above 4 varieties	\$ 3.50
(Value \$3.95)	
40 BULBS—10 each of the above 4 varieties	\$ 6.00
(Value \$7.90)	



KILLIGREW

DAFFODILS

Incomparabilis Varieties

Division 2. Distinguishing character, cup or crown not less than one-third but less than equal to the length of the perianth segments.

We offer what we consider the best 19 varieties.

AGRA. One of the most outstanding new Daffodils, admired at all Spring Daffodil shows. A flower of excellent substance and large size; blooms are borne on long sturdy stems. One of the finest of the new red cups that stands up well in the garden in full sun. The perianth is white with a bright scarlet cup.

40 cts. each, \$3.50 for 10, \$30.00 per 100

CLAMOR. A variety much prized for its early forcing qualities. The perianth is white; cup yellow with a broad, very striking deep orange frilled edge. 20 cts. each, \$1.80 for 10, \$15.00 per 100

CROESUS. Universally popular both for the garden and for exhibition. Light canary-yellow perianth of perfect form, with outer petals nearly touching, the inner ones overlapping, opening flat; broad fluted cup of rich orange to base. Substantial, free-flowering and a fine propagator, desirable in every way.

15 cts. each, \$1.25 for 10, \$10.00 per 100

DICK WELLBAND. One of the finest introductions, a very strong grower and exceptionally free-flowering. The perianth is pure white and the cup flame-orange. One of its most remarkable qualities is that the color does not fade but rather intensifies with age. Its great beauty lies in the startling contrast between petals and cup, which makes it stand out in the largest collection of Daffodils.

30 cts. each, \$2.50 for 10, \$20.00 per 100

DUKE OF WINDSOR. See page 16.

FEDORA. See page 16.



KING ALFRED NARCISSUS



LADY DIANA MANNERS

Incomparabilis Varieties, continued

FRANCISCA DRAKE. The pure white perianth petals are of unusual substance, 1½ inches wide, and tinted gold at the base, which shows through on the outside; the cup, wide and deep, is golden yellow at the base, changing gradually to flame-orange at the densely frilled edge. The flowers are held well above the fine foliage and give the effect of a flock of white seagulls taking flight; strong-growing and very free-flowering.

20 cts. each, \$1.80 for 10, \$15.00 per 100

FORTUNE. Broad, creamy yellow perianth of very solid texture; crown of great size and elegant form, opening at mouth and beautifully frilled, of a glowing soft orange. An early Giant Incomparabilis of perfect form, and strong growth. Undoubtedly will soon become one of the more popular varieties.

35 cts. each, \$3.00 for 10, \$25.00 per 100

HELIOS. Deep golden yellow perianth, semi-overlapping; the cup opens a little darker than the petals and in a cool climate gradually changes to light orange. 15 cts. each, \$1.25 for 10, \$10.00 per 100

JOHN EVELYN. Flatly opening perianth, 4 to 5 inches across, with a flat cup nearly 2 inches in diameter, densely frilled, the perianth being pure white, without trace of shading, and the cup lemon-yellow and fluted or shirred to the base. Strong grower; free-flowering.

20 cts. each, \$1.80 for 10, \$15.00 per 100

KILLIGREW. Star-shaped, bright yellow; fine orange-red cup, elegantly frilled. Does not burn in the sun. A very vigorous grower, borne on tall stems. 20 cts. each, \$1.80 for 10, \$15.00 per 100

MARION CRAN. Very fine large flower. Broad, bright yellow perianth with a fine large orange-red cup, elegantly frilled. Splendid in every way for the garden.

20 cts. each, \$1.80 for 10, \$15.00 per 100

MERKARA. The unusually flat, overlapping perianth is sulphur-yellow and the large, expanded crown is a deep orange-red throughout.

25 cts. each, \$2.25 for 10, \$20.00 per 100

MERULA. See page 16.

MONIQUE. Large, star-shaped, pure white perianth; yellow crown with broad, deep orange-scarlet rim, nicely frilled. A very lovely variety among the newer introductions.

35 cts. each, \$3.00 for 10, \$25.00 per 100

NOVA SCOTIA. See page 16.

ORANGE GLOW. Flowers of great substance. Perianth warm golden yellow; large, deep orange cup, beautifully frilled. A grand exhibition variety.

20 cts. each, \$1.80 for 10, \$15.00 per 100

SCARLET ELEGANCE. See page 16.

SCARLET LEADER. See page 16.

Miscellaneous DAFFODILS



The Daffodil has inspired poets for centuries. It often makes the first noticeable splash of color in the spring garden, and the cheerful tones of its cream, yellow, and orange blooms seems to be a reflection of the warm sunshine. Combined with blue flowers such as the Virginia Bluebells shown here, Daffodils are especially pleasing. They bloom at the same time and each complements the other. Hyacinths, Grape Hyacinths, and other small bulbs are also splendid companions for Daffodils. Try planting a picture instead of just bulbs.

Cyclamineus and Cyclamineus Hybrids

Division 6. As dainty and interesting and as ideally suited for rock gardens as the Triandrus Hybrids. The trumpets are rich yellow, straight, and tube-like, with the perianth petals sharply reflexed as in a cyclamen. Very early flowering.

CYCLAMINEUS. Pure rich yellow little Daffodil beginning to flower in mid-February. Delights in damp spots in the rock garden, similar to its native habitat in Spain, where it is found bordering mountain streams and in flooded meadows. The perianth is very small and the narrow segments turn back along the stem.

35 cts. each, \$3.25 for 10, \$30.00 per 100

FEBRUARY GOLD. Earlier than the type, with golden yellow perianth and trumpet tinged orange.

35 cts. each, \$3.00 for 10, \$25.00 per 100

Jonquilla and Jonquilla Hybrids

Division 7. Under this class we have listed the Jonquil and its hybrids. They have a grace and charm that makes them extremely popular. The varieties Golden Sceptre and Lady Hillingdon are hybrid types and are the results of crossing the bunch-flowering Single Jonquils with the Trumpet Daffodils.

CAMPERNELLE RUGULOSUS. Beautiful, single, star-shaped flowers borne in clusters of 4 to 6; delicately fragrant. Much larger and finer than the old favorite Campernelle Jonquil. This is charming when used to border a path or in clumps against a large, dark rock in the lower region of the rock garden.

15 cts. each, \$1.20 for 10, \$10.00 per 100

CAMPERNELLE RUGULOSUS, DOUBLE. Double form of the Giant Campernelle Rugulosus. Large, double, yellow flowers very fragrant.

15 cts. each, \$1.20 for 10, \$10.00 per 100

GOLDEN SCEPTRE. This free-flowering hybrid is very handsome. Its fine, elegant flowers are a deep Jonquil-yellow, 3 inches or so in diameter. The perianth is star-shaped, just a shade lighter in coloring than the trumpet, which is slightly rolled and flaring at the mouth.

15 cts. each, \$1.20 for 10, \$10.00 per 100

JONQUILLA SIMPLEX. The true original single sweet Jonquil bearing clusters of small, rich yellow flowers in May; extremely fragrant. Many people apply the word "Jonquil" to the large, trumpet-flowered type which is the true Daffodil. Make no mistake about it, the genuine Jonquil is a small, very deep yellow flower, very sweetly scented, and always borne in clusters. The foliage differs considerably from Daffodils and other Narcissus because it is slender, grass-like and almost tubular, resembling that of some rushes.

15 cts. each, \$1.20 for 10, \$10.00 per 100

LADY HILLINGDON. Blooms earlier than Golden Sceptre. Usually cluster-flowering, but sometimes bears its blooms singly. The perianth is butter-yellow and the short, straight trumpet deeper yellow. Very tall and vigorous.

20 cts. each, \$1.80 for 10, \$15.00 per 100

Tazetta and Tazetta Hybrids

Division 8. Under this heading come the tender Polyanthus varieties and the hardy Poetaz, which are crosses between the Poeticus and the Polyanthus.

Poetaz Varieties

THE HARDY CLUSTER-FLOWERED POET'S NARCISSUS

Division 8. The chief characteristic of this type of Narcissus is that hybridizers, by crossing the strong-scented Polyanthus varieties with the Poeticus type, developed a hardy strain of Daffodil which has the bunch-flowered character of the Polyanthus with larger flowers similar to the Poet's described on the opposite page. They are excellent for pot culture and the garden border.

EARLY PERFECTION. Perianth pure white; cup citron-yellow. Very early; an excellent variety for forcing and may be had in bloom in early January. 20 cts. each, \$1.50 for 10, \$12.00 per 100

GERANIUM. Very fine variety. Broad orange eye; solid white perianth. Very free blooming, excellent for forcing.

20 cts. each, \$1.50 for 10, \$12.00 per 100

MERTENSIA VIRGINICA (Virginia Bluebells). One of the finest blue perennials to plant with your Daffodils in the shrubbery, or among the trees. They bloom among the shrubs in April and make excellent color contrasts with white, yellow and red cup color of the Daffodils.

Extra heavy clumps, \$2.00 for 10, \$18.00 per 100

MUSCARI ARMENIACUM (Grape Hyacinths). The finest blue Grape Hyacinths to plant among Daffodils.

45 cts. for 10, \$4.00 per 100, \$35.00 per 1000

POETAZ VARIETIES, continued

LAURENS KOSTER. Perianth pure white, with soft yellow eye. Robust grower, and probably the best of the older varieties for general garden planting. 15 cts. each, \$1.20 for 10, \$10.00 per 100

ORANGE CUP. A really bright, sunny Poetaz. Perianth even yellow; cup bright orange. Greatly admired by all.

15 cts. each, \$1.40 for 10, \$12.00 per 100

RED GUARD. Sulphur-yellow perianth, with glowing orange-scarlet cup. One of the finest exhibition varieties, producing 2 to 3 flowers on a stem. 25 cts. each, \$2.25 for 10, \$20.00 per 100

SCARLET GEM. One of the newer Poetaz and a very attractive variety when grown in the garden. The perianth is primrose-yellow with a deep orange cup. A very artistic color contrast.

15 cts. each, \$1.40 for 10, \$12.00 per 100

Double Narcissus

Division 10. The newer varieties of Double Daffodils are extremely handsome. The variety Twink was very much admired in our exhibits at the New York Flower Show. They make a fine display in the garden and are excellent for cutting.

CHEERFULNESS. This exquisite double Poetaz resembles a gardenia in form of flower and is one of the loveliest of all the double Narcissus. The bloom is made up of a creamy white perianth and a mass of cream-colored petals among which a few short orange petals are intermingled. The deliciously fragrant flowers, in clusters of 3 or 4, are carried on heavy, 10 to 12-inch stems which hold them firmly upright. A wonderful cut flower.

15 cts. each, \$1.20 for 10, \$10.00 per 100

DAPHNE. A large double flower of pure white, deliciously fragrant. Splendid forcing variety. 20 cts. each, \$1.50 for 10, \$12.00 per 100

INSULINDE. Creamy white outer petals; inner petals intense orange-scarlet. Fine for indoor forcing.

25 cts. each, \$2.00 for 10, \$18.00 per 100

TEXAS. Pale yellow interspersed with orange. Good form; large flower on tall stem. 35 cts. each, \$3.00 for 10, \$25.00 per 100

TWINK. Destined to be the most popular of Double Daffodils. Semi-double in type, with alternating petals of primrose and clear orange, each whorl of petals symmetrically centered over the other. It has none of the confused appearance common to older, inferior doubles of this class. Flowers very early in the garden and is particularly suited for forcing. Outstanding exhibition variety.

20 cts. each, \$1.80 for 10, \$15.00 per 100

Miscellaneous Daffodils. The Poet's Narcissus

(NARCISSUS POETICUS)

Division 9. These Narcissus, instead of having a trumpet or crown, have a small, wide-mouthed cup. They are very hardy, and are used in large numbers for naturalizing, their simplicity of form and the refined character of their blooms making them excellent flowers for cutting.

ACTAEA. The largest and most beautiful of the new Poeticus. Pure white perianth; broad, overlapping petals with a flat, lemon-yellow cup frilled deep red.

15 cts. each, \$1.20 for 10, \$10.00 per 100

HOMER. This variety is one of the better types of Poet's Narcissus. Perianth pure white; cup canary-yellow, rimmed bright red. Excellent variety for forcing because of the large size of the flower and length of stem.

15 cts. each, \$1.20 for 10, \$10.00 per 100

PHEASANT'S EYE. The original late-flowering Pheasant's Eye variety popular for gardens and naturalizing. Pure white flowers with orange cup, edged red.

15 cts. each, \$1.20 for 10, \$10.00 per 100



CHEERFULNESS



TWINK

MATERIALS FOR GROWING BULBS INDOORS

Prepaid Within 100 Miles of N. Y.

SHURGROW BULB FIBRE

We prepare at our Fertilizer Factory this product which consists of finely pulverized peat moss, blended in a proper proportion with ground oyster shells, together with granulated charcoal. This material acts as a fertilizer during the time the bulb is growing. Full instructions on all containers.

Qt. 25 cts., pk. \$1.50, bus. \$2.50

PEARL CHIPS

To top off pebbles in bulb bowls to make them more attractive.

White. Lb. 25 cts., 5 lbs. 90 cts.

Colored. Lb. 30 cts., 5 lbs. \$1.25

PEBBLES

Ideal for the culture of Paper-Whites and Chinese Sacred Lilies offered on page 22. 4-lb. carton 50 cts., 100 lbs. \$4.00

HYACINTH GLASSES. All Colors. 75 cts. each

Miscellaneous DAFFODILS

Triandrus and Triandrus Hybrids

Division 5. Dainty, cyclamen-flowered Daffodils with reflexing petals. The drooping habit of the flowers, their unique and graceful appearance, and small size make them ideal for the rock garden.

TRIANDRUS ALBUS (*Angel's Tears*). A graceful garden subject requiring shade, good drainage, and a gritty soil. It grows less than 6 inches high and its narrow, creamy white perianth segments recurve sharply upward from its drooping cup. Two or three flowers are clustered on one stem.

25 cts. each, \$2.00 for 10, \$18.00 per 100

AGNES HARVEY. Pure white perianth, sharply reflexed, with the trumpet sometimes faintly flushed apricot. Gives 1 to 3 flowers on each stem. The purest white of the class.

30 cts. each, \$2.50 for 10, \$20.00 per 100

MOONSHINE. This beautiful Triandrus hybrid has lovely star-shaped white flowers, often 3 to a stem; has a graceful drooping habit and is especially suited for the rock garden or for naturalizing in the shrubbery border. A fine exhibition variety.

30 cts. each, \$2.50 for 10, \$20.00 per 100

THALIA. Frequently called the Orchid-flowered Daffodil. The beautiful, pure white flowers are carried 3 or 4 to a stem and are most attractive for either indoor decoration or planting in the rock-garden.

30 cts. each, \$2.50 for 10, \$20.00 per 100



NARCISSUS TRIANDRUS, THALIA



NARCISSUS, PAPER-WHITE GRANDIFLORA

Miniature Daffodils

FOR THE ROCK GARDEN

Division 11. Several of the botanical species of Daffodils are very tiny, making the rock garden the logical place to use them. For this purpose they are ideal. In addition to the varieties listed below, we suggest Division 5, the Triandrus and Triandrus Hybrids, and Division 6, the Cyclamineus and Cyclamineus Hybrids as especially suited for rock-garden planting.

BULBOCODIUM CONSPICUUS. The yellow Hoop Petticoat. Rich golden yellow blooms, with rush-like foliage, growing 6 inches tall. Begins to bloom in late February. Prefers a damp, sandy, peat soil; withhold moisture in summer.

20 cts. each, \$1.80 for 10, \$15.00 per 100

CANALICULATUS. A dainty little Polyanthus Narcissus suitable for sunny positions in the rock garden. It has narrow, erect, bluish green foliage and bears heads of 3 to 4 flowers with white perianth and globular gold cup; sweetly scented. Height 6 inches.

20 cts. each, \$1.80 for 10, \$15.00 per 100

Daffodils for the Home

Polyanthus Narcissus (Bunch-Flowering)

We are offering three varieties of this splendid type of Narcissus which are now universally grown indoors in pots of fiber or soil as well as in pebbles and water.

Dishes of these, grown in pebbles and water, may be had in bloom continuously from Thanksgiving until Easter. The best method is to keep your bulbs in the containers in which they are shipped to you and to store them in a moderately cool, dry place. Plant different lots every 3 weeks from October 1 until March 1, and you can enjoy a constant succession of bloom.

CHINESE SACRED (*N. polyanthus orientalis*). Frequently referred to as the Chinese Sacred Lily. The flowers are similar to the variety Grand Soleil d'Or, except that the perianth is white while the cup is golden yellow.

15 cts. each, \$1.40 for 10, \$12.00 per 100

GRAND SOLEIL D'OR. This popular bunch-flowering variety of the Polyanthus type is as easy to grow in pebbles and water as in soil or our Shurgrow Bulb Fiber. The flowers are sunny yellow, with bright orange cups. 15 cts. each, \$1.40 for 10, \$12.00 per 100

PAPER-WHITE GRANDIFLORA. The popular bunch-flowering pure white Narcissus frequently having 30 blooms and decorative foliage from a single bulb.

Large Bulbs, 10 cts. each, 90 cts. for 10, \$8.00 per 100

Mammoth Bulbs, 15 cts. each, \$1.10 for 10, \$10.00 per 100



Lovely HARDY GARDEN LILIES

FOUR OF THE
EASIEST LILIES
TO GROW
IN YOUR GARDEN

LILUM SPECIOSUM RUBRUM

95 cts. each, \$9.00 for 10
\$85.00 per 100



LILUM AURATUM

\$1.10 each, \$10.00 for 10, \$90.00 per 100

REGAL LILY FIRST-SIZE BULBS

30 cts. each, \$2.75 for 10
\$25.00 per 100

MADONNA LILY (Candidum) FIRST-SIZE BULBS

40 cts. each, \$3.50 for 10
\$30.00 per 100



Lilies

We are likely to think Lilies are too fine for the amateur to grow because they are so beautiful and fragrant. However, there are many hardy thrifty varieties capable of withstanding conditions which overcome less beautiful flowers. Grow them in the border in small groups, with background plants, where their beauty has a suitable setting.

Outdoor Culture. Lilies planted outdoors should have a well-drained position where they will be shaded from very hot sun. Never mix manure in soil around Lilies; use S. & W. Bulb Fertilizer or bonemeal. Many varieties of Lilies are "stem-rooters"—they develop roots on the stem up to 2 to 3 inches from the ground. These roots are voracious feeders and on them depend greatly the number and size of the flowers. When the buds appear give the plant a top-dressing of good rich soil on which they can feed freely. Spade over the ground thoroughly to a depth of 18 inches before planting Lilies. Put some sand under and around the bulbs and after covering protect with 6 to 8 inches of leaves or other litter.

AURATUM. Stately Lilies growing 3 to 6 feet high. One plant bears twenty or more large, fragrant flowers 8 to 10 inches in diameter, in August. White, spotted deep red, with a bright yellow band running through the center of each petal. Plant 9 to 12 inches deep. Stem-rooting.
\$1.10 each, \$10.00 for 10, \$90.00 per 100

CANADENSE FLAVUM. Giant sprays of nodding bell-like pale yellow blooms on 3 to 5-foot stems in July. Stem-rooting. Plant 8 inches deep in full sun or light shade. Keep roots cool with ground cover.
40 cts. each, \$3.50 for 10, \$30.00 per 100

CANADENSE RUBRUM. Like above but has orange-red flowers.
40 cts. each, \$3.50 for 10, \$30.00 per 100

CANDIDUM (Madonna Lily). Stately 3 to 4-ft. spikes of pure white, yellow-anthered, fragrant blooms in June. Plant in September or October, setting bulbs slightly on their sides, with a little sand under them, and cover with 2 to 3 inches of soil.

First-size Bulbs,
40 cts. each, \$3.50 for 10, \$30.00 per 100
Mammoth Bulbs,
50 cts. each, \$4.50 for 10, \$40.00 per 100
Jumbo Bulbs,
70 cts. each, \$6.50 for 10, \$60.00 per 100

CANDIDUM, Cascade Strain. A strain grown in the West, differing from the French Candidum in that it is inclined to be somewhat taller and blooms more freely the first season. Early planting is suggested—not later than September 15. Owing to the very small stocks available, present prices are high, but we have a limited quantity to offer this year. Selected Bulbs, 7 to 8 in. circumference.
\$1.00 each, \$9.00 for 10, \$80.00 per 100

CAROLINIANUM (Southern Swamp Lily). Slightly fragrant orange-scarlet blooms, spotted purple-brown, with whitish throats hang like bells atop the stem in July. Grows 2 to 4 feet high. Plant 5 to 6 inches deep; likes moist soil and good drainage.
45 cts. each, \$4.00 for 10, \$35.00 per 100

CENTIFOLIUM HYBRIDS. Immense white trumpets on stems up to 6 to 8 feet in height. Delightfully fragrant. While they are white inside, the external colors vary from emerald-green to pink-purple. As hardy as the popular Regal Lilies. Plant in light shade about 5 inches deep in well-drained soil; give slight protection in coldest areas. They bloom in July and August after the Regals have passed.
70 cts. each, \$6.00 for 10, \$50.00 per 100

DAVIDI. Showy, nodding 3-inch, cinnabarred or scarlet blooms, spotted black, on 4 to 5-foot stems in July. Plant 6 inches deep.
50 cts. each, \$4.50 for 10, \$40.00 per 100

DAVURICUM. See Umbellatum.

GRAYI. A small dainty Lily. Orange-brown, bell-shaped flowers, red-orange inside, with darker dots, on 3 to 4-foot stems in July. Plant 4 inches deep in sun.
55 cts. each, \$5.00 for 10, \$45.00 per 100

HENRYI. Vigorous, 6 to 8 feet high, with more than twenty rich deep orange-yellow flowers in August and September. Plant 8 to 10 inches deep in sun or shade.
Large Bulbs,
50 cts. each, \$4.50 for 10, \$40.00 per 100

LONGIFLORUM ESTATE. (Hardy Easter Lily). Of the several types of so-called Easter Lilies grown in the states of Oregon and Washington, this type of the Croft Lily is a splendid variety for garden planting.

A pure white, large trumpet Lily, perfectly hardy, frequently bearing five to seven flowers on a single stem. Blooms in early August. Height 4 to 5 feet.
70 cts. each, \$6.00 for 10, \$50.00 per 100

MAXWILL. *L. Maximowiczii* \times *L. Willmottiae*. Reflexed bright red flowers, with stamens orange-red. Blooms in late July. Height 6 feet. Plant 8 inches deep.
60 cts. each, \$5.50 for 10, \$50.00 per 100

PARDALINUM GIGANTEUM. See Sunset Lily.

PHILADELPHICUM (Wild Wood Lily). Showy, 4-inch, cupped, orange-red flowers, spotted purple, borne erect on 1 to 2-foot stems in July. Plant 5 inches deep in dry sandy location with partial shade.
40 cts. each, \$3.50 for 10, \$30.00 per 100

PHILIPPINENSE FORMOSANUM. A slender, graceful trumpet Lily growing 3 to 4 feet high. The flower is pure white with an emerald-green throat shaded outside with violet. Delicious fragrance. Blooms from August to frost. Plant 5 to 6 inches deep.
40 cts. each, \$3.50 for 10, \$30.00 per 100

REGALE (Royal Lily). Huge alabaster trumpets, tinged rose outside and gold within. The easiest Lily to grow. Blooms in July. Grows 3 to 5 feet tall. Plant about 6 inches deep and leave alone forever after.

6 to 7-in. circum.,
30 cts. each, \$2.75 for 10, \$25.00 per 100
7 to 8-in. circum.,
40 cts. each, \$3.75 for 10, \$35.00 per 100
8 to 9-in. circum.,
60 cts. each, \$5.00 for 10, \$45.00 per 100
9 to 10-in. circum.,
70 cts. each, \$6.50 for 10, \$60.00 per 100

SHELBOURNE HYBRIDS. Bloom after many other Lilies are over. Flowers vary in size and form and range from pure white to heavily blushed sorts.
80 cts. each, \$7.00 for 10, \$65.00 per 100

SPECIOSUM RUBRUM. Handsome heads of flowers with reflexing petals, heavily spotted crimson on white ground. Height 4 to 5 feet. Late August flowering. We offer a choice stock of Dutch-grown bulbs.
Large Bulbs,
95 cts. each, \$9.00 for 10, \$85.00 per 100

SPECIOSUM ALBUM. The white form of the above.
Large Bulbs,
\$1.20 each, \$11.00 for 10, \$105.00 per 100

SUNSET LILY (*Lilium pardalinum giganteum*). The giant Panther Lily. Bright scarlet and yellow, spotted rich brown.
50 cts. each, \$4.50 for 10, \$40.00 per 100

SUPERBUM (Turk's-Cap Lily). Immense pyramidal clusters of brilliant orange-red flowers, yellowish inside and spotted brown, on stem 5 to 8 feet high in July. Plant 6 inches deep.
25 cts. each, \$2.25 for 10, \$20.00 per 100

TENUIFOLIUM (Coral Lily). Very graceful Lily, only 1 to 2 feet tall. Clusters of nodding, tiny, bell-like, recurved flowers of brilliant coral-red in June. Plant 6 inches deep; likes damp soil among rocks.
25 cts. each, \$2.25 for 10, \$20.00 per 100

TENUIFOLIUM, GOLDEN GLEAM. Golden yellow form, of above. Grows 18 to 24 inches tall and blooms at the same time.
35 cts. each, \$3.25 for 10, \$30.00 per 100

TESTACEUM (Nankeen Lily). Grows 5 to 6 feet tall and bears three to a dozen lovely nodding Turk's-Cap flowers, white outside, dusky orange or pale apricot within. Blooms in June and July. Plant 5 inches deep.
\$2.00 each, \$19.00 for 10, \$180.00 per 100

TIGRINUM (Tiger Lily). Showy spotted red-orange flowers in August and later. Thrives in full sun on any soil. Grows 4 to 5 feet high. Plant 6 inches deep.
35 cts. each, \$3.25 for 10, \$30.00 per 100

TIGRINUM FLORE-PLENO (Double Tiger Lily). More handsome than single sort; blooms a little later.
35 cts. each, \$3.25 for 10, \$30.00 per 100

UMBELLATUM GRANDIFLORUM ERECTUM. Vivid orange-scarlet flowers held upright on 2-foot stems are borne in June. Plant 4 to 6 inches deep, in full sunlight, in well-drained soil.
60 cts. each, \$5.50 for 10, \$50.00 per 100

UMBELLATUM, GOLDEN FLEECE. The yellow form of the above.
70 cts. each, \$6.00 for 10, \$55.00 per 100

WILLMOTTIAE. The 3 to 4-foot stem in July and August bears fifteen to twenty brilliant orange-red flowers 3 inches across; recurved petals with brownish spots. Needs staking. Plant 8 inches deep.
50 cts. each, \$4.50 for 10, \$40.00 per 100

Retarded Forcing Spirea Clumps

January Delivery—For Easter Forcing

DEUTSCHLAND. One of the finest whites.

FANAL. Large feathery sprays; bright red.

GLORIA SUPERBA. Deep pink.

RHINELAND. Delicate pink.

Case 12 Clumps any above 4 varieties, \$15.00

EASTER LILIES FOR THE GREENHOUSE

We offer four varieties of Easter Lily Bulbs—**Harrisi** and **Howardii** from Bermuda, **Creole Lilies** from Louisiana, and **Croft Lilies** from Oregon. All four varieties make excellent plants for early-spring and Easter blooming.

Prices of Creole, Harrisi and Howardii Lilies

	Ea.	10	100
7 inch.....	\$0 70	\$6 00	\$50 00
8 inch.....	80	7 00	60 00
9 inch.....	90	8 00	70 00
10 inch.....	1 00	9 00	80 00

Prices of Croft Lilies

	Ea.	10	100
7 inch.....	\$0 70	\$6 00	\$50 00
8 inch.....	80	7 00	60 00
9 inch.....	1 00	9 00	80 00
10 inch.....	1 30	12 00	110 00

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QUANTITY	ARTICLES WANTED	PRICE
	TULIPS, Darwin—Five Fine Exhibition (See page 1) City of Haarlem Duke of Wellington Golden Age Pride of Zwanenburg Scotch Lassie	
	25 Bulbs, 5 each of 5 varieties (Value \$3.50); \$3.00	
	50 Bulbs, 10 each of 5 varieties (Value \$7.00), \$5.75	
	100 Bulbs, 20 each of 5 varieties (Value \$12.00), \$10.50	
	TULIPS, Darwin and Cottage. Special Border Collection (See page 2) Belle Jaune Clara Butt Farncombe Sanders The Bishop	
	40 Bulbs, 10 each of 4 varieties (Value \$5.20), \$4.50	
	100 Bulbs, 25 each of 4 varieties (Value \$11.00), \$9.50	
	TULIPS, New Hybrid Giant Darwin: any below 35 cts. each, \$3.25 for 10, \$30.00 per 100 New Giant Salmon-Rose New Giant Deep Golden Yellow New Giant Cream-Yellow Mrs. Edwin Carter New Giant Crimson-Scarlet New Giant Blue New Giant White (See page 3)	
	Special Collection Offer: 35 bulbs, 5 each of the above 7 varieties, \$11.00	
	Special Collection Offer: 70 bulbs, 10 each of the above 7 varieties, \$21.00	
	TULIPS, Exhibition Collection Offer No. 2, Darwin and Cottage (See page 4) Glacier Marshal Haig Mme. Butterfly The Peach	
	40 Bulbs, 10 each of 4 varieties (Value \$5.60), \$4.75	
	100 Bulbs, 25 each of 4 varieties (Value \$12.00), \$10.75	
	BREEDER TULIP, Louis XIV, \$1.40 for 10, \$12.00 per 100 (See page 6)	
	COTTAGE TULIP, Advance, \$1.20 for 10, \$10.00 per 100 (See page 7)	
	BREEDER TULIP, Tantalus, \$1.40 for 10, \$12.00 per 100 (See page 8)	
	DARWIN, BREEDER AND COTTAGE TULIP MIXTURE (See page 9) 90 cts. for 10, \$8.00 per 100, \$75.00 per 1000	
	PARROT TULIP, Gadelan, \$2.70 for 10, \$25.00 per 100 (See page 10)	
	PARROT TULIP, Fantasy, \$1.20 for 10, \$10.00 per 100 (See page 10)	
	LILY-FLOWERING TULIP, Rhodes, \$1.40 for 10, \$12.00 per 100 (See page 11)	
	TULIPS, Double Peony-Flowered Collection Offer (See page 13) Blue Flag Eros Mount Tacoma Uncle Tom	
	40 Bulbs, 10 each of 4 varieties (Value \$6.00), \$5.25	
	100 Bulbs, 25 each of 4 varieties (Value \$13.00), \$11.50	
	BOTANICAL TULIP, Clusiana 90c for 10, \$8.00 per 100 (See page 14)	
	BOTANICAL TULIP, Kaufmanniana \$1.10 for 10, \$9.00 per 100 (See page 14)	

We, Stumpf & Walter, give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we sell and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seeds, bulbs or plants.

PRICE	QUANTITY	ARTICLES WANTED
Lady Derby La Victoria Marconi Pink Pearl Princess Margarete Queen of Pimlico	Light and Dark Blue Varieties Dr. Lieber King of the Blues Myosotis Grand Maitre	White Varieties Arndtme Arndsen Linocenre Yellow Variety City of Haarlem
MATCHLESS BEDDING HYACINTHS—7 colors, 20 cts. each, \$1.90 for 10, \$18.00 per 100	DAFFODILS, Exhibition Collection Offer (See page 16) 40 Bulbs, 5 each of the above 4 varieties (Value \$5.00) 20 Bulbs, 5 each of the above 4 varieties (Value \$5.00)	Anny of above Exhibition Hyacinths, 30 cts. each, \$2.75 for 10, \$25.00 per 100.
Pure White Light Blue Dark Blue Light Pink Rich Yellow Bright Scarlet (See page 15) 40 Bulbs, 10 each of the above 4 varieties (Value \$11.80), \$9.50	DAFFODILS, Exhibition Collection Offer (See page 16) 40 Bulbs, 10 each of the above 4 varieties (Value \$7.90), \$6.00	DAFFODIL, Cheerfulness 15 cts. each, \$1.20 for 10, \$10.00 per 100 (See page 21)
LARGE Bulbs, 10 cts. each, 90 cts. for 10, \$8.00 per 100	LARGE Bulbs, 10 cts. each, \$1.10 for 10, \$10.00 per 100	Auratum \$1.10 each, \$10.00 for 10, \$90.00 per 100
NARCISSUS, PAPER-WHITE GRANDIFLORA, for growing indoors in pebbles and water	REGAL Lily, last size, 30 cts. each, \$2.75 for 10, \$25.00 per 100	Regal Lily, last size, 30 cts. each, \$2.75 for 10, \$25.00 per 100
MADONNA Lily (Candidum), last size, 40 cts. each, \$3.50 for 10, \$30.00 per 100	HENRYI, 50 cts. each, \$4.50 for 10, \$40.00 per 100	Henryi, 50 cts. each, \$4.50 for 10, \$50.00 per 100
ANEMONES, EXCELSIOR Mixture 70 cts. for 10, \$6.00 per 100 (See page 26)	UMBELLATUM, 60 cts. each, \$5.50 for 10, \$50.00 per 100	Umbellatum, 60 cts. each, \$5.50 for 10, \$50.00 per 100
CROCUS, SPRING-FLOWERING, 6 Distinct Colors and Mixture (See page 27)	CHIONODOXA LUCILIE, 35 cts. for 10, \$3.00 per 100, \$25.00 per 1000 (See page 27)	CHIONODOXA LUCILIE, 35 cts. for 10, \$3.00 per 100, \$25.00 per 1000 (See page 27)
Any of the above, 30 cts. for 10, \$2.50 per 100, \$20.00 per 1000	AMARYLLIS Leopoldii, Gold Medal Exhibition Strain (See page 26)	AMARYLLIS Leopoldii, Gold Medal Exhibition Strain (See page 26)
\$3.50 each, \$32.50 for 10, \$300.00 per 100	ANEMONE, EXCELSIOR Mixture 70 cts. for 10, \$6.00 per 100 (See page 26)	ANEMONE, EXCELSIOR Mixture 70 cts. for 10, \$6.00 per 100 (See page 26)
CROCUS, SPRING-FLOWERING, 6 Distinct Colors and Mixture (See page 27)	ERANTHIS HYEMALIS, 50 cts. for 10, \$4.00 per 100, \$35.00 per 1000 (See page 28)	ERANTHIS HYEMALIS, 50 cts. for 10, \$4.00 per 100, \$35.00 per 1000 (See page 28)
FREITILLARIA MELAGRIS 40 cts. for 10, \$3.50 per 100, \$30.00 per 1000 (See page 30)	LEUCOJUM ESTIVUM (Spring Snowflakes), 85 cts. for 10, \$7.50 per 100 (See page 31)	LEUCOJUM ESTIVUM (Spring Snowflakes), 85 cts. for 10, \$7.50 per 100 (See page 31)
YELLOW CALLA LILY, last size, 35 cts. each, \$3.00 for 10, \$25.00 per 100 (See page 31)	WHITE CALLA LILY, last size, 35 cts. each, \$3.00 for 10, \$25.00 per 100 (See page 31)	WHITE CALLA LILY, last size, 35 cts. each, \$3.00 for 10, \$25.00 per 100 (See page 31)
MERTENSIA VIRGINICA (Virginia Bluebells), \$2.00 for 10, \$18.00 per 100 (See page 32)	MERTENSIA VIRGINICA (Virginia Bluebells), \$2.00 for 10, \$18.00 per 100 (See page 32)	MERTENSIA VIRGINICA (Virginia Bluebells), \$2.00 for 10, \$18.00 per 100 (See page 32)
YELLOW CALLA LILY, last size, 35 cts. for 10, \$7.50 per 100 (See page 31)	SCILLA CAMPANULATA, 50 cts. for 10, \$4.50 per 100, \$40.00 per 1000 (See page 32)	SCILLA CAMPANULATA, 50 cts. for 10, \$4.50 per 100, \$40.00 per 1000 (See page 32)
SNOWDROPS (Galanthus), Single, 40 cts. for 10, \$3.50 per 100, \$30.00 per 1000 (See page 32)	RANUNCULUS, Tectorite Giants Mixture, 70 cts. for 10, \$6.00 per 100, \$55.00 per 1000 (See page 32)	RANUNCULUS, Tectorite Giants Mixture, 70 cts. for 10, \$6.00 per 100, \$55.00 per 1000 (See page 32)
MUSCARI ARMENIACUM (Grape Hyacinths), 45 cts. for 10, \$4.00 per 100, \$35.00 per 1000	MIXTURE Standard Varieties 25 bulbs, \$3.00 50 bulbs, \$4.50 100 bulbs, \$8.00 1000 bulbs, \$70.00	MIXTURE Standard Varieties 25 bulbs, \$3.00 50 bulbs, \$4.50 100 bulbs, \$8.00 1000 bulbs, \$70.00
SCILLA SIBERICA, Blue, Deep Blue, White, Rose-pink (See page 32)	DAFFODIL MIXTURES FOR NATURALIZING—See Back Cover	DAFFODIL MIXTURES FOR NATURALIZING—See Back Cover

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ARTICLES WANTED QUANTITY PRICE



LILIUM LONGIFLORUM ESTATE
(Hardy Easter Lily)

70 cts. each, \$6.00 for 10, \$50.00 per 100



LILIUM HENRYI

50 cts. each
\$4.50 for 10
\$40.00 per 100



LILIUM
UMBELLATUM

60 cts. each, \$5.50
for 10, \$50.00 per 100

3
Fine
Hardy
LILIES

Spring-Flowering Bulbs to Plant This Fall

AMARYLLIS, continued

HALLI (*Lycoris squamigera*). Produces attractive green foliage in early spring, which grows until July, when it ripens and disappears. About a month later, as if by magic, the flower stalks spring from the ground to a height of 2 to 3 feet, developing an umbel of eight to twelve large, lily-shaped flowers of a delicate lilac-pink shade. The bulb is perfectly hardy; plant in the fall. Cover crown about 4 inches.

\$1.50 each, \$13.50 for 10, \$130.00 per 100

Anemone • Windflower

These popular flowers of French origin are useful as decorative plants for house or garden, and for cutting. If planted outdoors in the fall they must be well protected; may also be planted in spring in well-drained soil, and will flower during the summer. **We offer extra-choice two-year bulbs only.**

EXCELSIOR MIXTURE. We consider this the finest strain of single-flowering Anemones yet raised. The plants are taller in growth than the St. Brigid and more single. They contain many fine shades of blue, white, and scarlet.

70 cts. for 10, \$6.00 per 100

ANEMONE, continued

HIS EXCELLENCY. Large, bright red, semi-double, showing a black center and suggesting a red Poppy.

70 cts. for 10, \$6.00 per 100

ST. BRIGID. (Creagh Castle Strain.) There is a wide range of rich and brilliant colors in this magnificent strain.

70 cts. for 10, \$6.00 per 100

BLUE POPPY. A selected strain, similar to the St. Brigid, producing large, single, Poppy-like flowers in varying shades of blue.

70 cts. for 10, \$6.00 per 100

THE BRIDE. A very fine pure white variety similar in form to the St. Brigid type.

70 cts. for 10, \$6.00 per 100



ANEMONE (Windflower)

Allium

Attractive little bulbous plants, with bare stems, carrying close heads of little flowers. Well adapted to rock gardens and borders.

NEAPOLITANUM. A popular variety for winter cut-flowers. Excellent for naturalizing among Scillas in woodlands. Bears numerous heads of white flowers during May and June.

70 cts. for 10, \$6.00 per 100

Alstroemeria

AURANTIACA. Interesting and showy half-hardy tuberous-rooted plants with yellow-orange flowers. December to April delivery.

\$2.00 for 10, \$15.00 per 100

Amaryllis

Few, if any, of the bulbous plants give the amateur greater pleasure for the window-garden than these giant-flowering Amaryllis that are so easily managed. Our strain of bulbs produces vigorous stems with from four to six blooms of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red, and crimson, to the richest self colors, such as scarlet, crimson, bright red, cherry, and almost maroon. Pot up bulbs, as soon as received, in good garden loam, enriched with a handful of bone fertilizer; water well and store in a dark place in a temperature of 50 to 60 degrees for four weeks until well rooted, then bring to light. Put in a sunny window and give water regularly. Bulbs potted up during October and November may be had in bloom in March.

STUMPP & WALTER GIANT HYBRIDS.

This is an excellent strain of the popular bulbous plant for indoor blooming from a famous California grower. While we cannot offer it in separate colors as we do the Leopoldii Gold Medal Strain, the colors comprise the best types available. Inasmuch as these bulbs are grown from seed, we can offer them in a mixture of colors only.

Selected bulbs

75 cts. each, \$7.00 for 10, \$65.00 per 100

LEOPOLDII GOLD MEDAL STRAIN.

(Dutch.) We are pleased to offer this splendid Exhibition Strain of bulbs produced by a celebrated grower in Holland. This same strain was exhibited six and seven years ago at our New York Flower Show and was pronounced by leading Amaryllis experts to be a most desirable addition to the Amaryllis family. We offer bulbs in the following colors: **Orange, Scarlet, Crimson, Salmon and White.**

\$3.50 each, \$32.50 for 10, \$300.00 per 100



AMARYLLIS,
Leopoldii Gold
Medal Strain

Babiana

We offer these in a mixture of colors from rich wine-red and purple to deep blue. In northern locations they should be grown just like a Freesia for home or conservatory decoration, but south of the Carolinas they may be planted outdoors. Height 10 inches. 60 cts. for 10, \$5.00 per 100

Brodiaea

Little bulbs producing tufts of grasslike foliage and slender but strong stems, carrying umbels of waxlike flowers. Excellent for naturalizing. Blooms in May and June. Plant 3 inches deep.

S. & W. MIXTURE. We offer a mixture of yellow, blue and violet-purple shades. 70 cts. for 10, \$6.00 per 100

CALLA LILIES. See Lilies, page 31.

Calochortus Mariposa or Butterfly Tulips

These are glorious spring flowers, delightfully different, easy to grow.

Plant just before the ground freezes and cover with 3 to 4 inches of mulch. These bulbs are injured by summer rains, so dig as soon as ripe and hang up in a dry place in paper bags without packing material.

MIXED COLORS. A mixture containing shades of pink, gold, yellow, orange and cream. 70 cts. for 10, \$6.00 per 100

Camassia

American-grown. Perfectly hardy bulbous plants, producing in June, flower spikes 2 to 4 feet high, bearing many star-shaped flowers, 1½ to 2 inches across. Plant 4 to 5 inches deep, and in the case of Esculenta and Leichtlini, 4 to 5 inches apart.

CUSICKI. Tall spikes of pale lavender, starry flowers with yellow anthers. 4 feet tall. \$1.00 for 10, \$9.00 per 100

ESCULENTA. A native of the Mississippi Valley. 1½ to 2 feet high, with spikes of lovely purple, starry flowers. Very showy. 50 cts. for 10, \$4.00 per 100

Chionodoxa • Glory-of-the-Snow

LUCILIAE. Sky-blue flowers, white in the center. This is considered one of the hardest, most easily cultivated, and one of the most beautiful of the early-flowering bulbous plants for mass planting which blooms about the same time as the Crocuses. The flower spikes are about 5 inches high, and bear 10 to 15 Scilla-like blooms. They should be planted in clumps of 20 to 25 bulbs, 3 to 4 inches deep, 2 to 3 inches apart. 35 cts. for 10, \$3.00 per 100, \$25.00 per 1000

LUCILIAE ALBA. Pure white form of the above. 60 cts. for 10, \$5.00 per 100, \$45.00 per 1000

SARDENSIS. Same form as the above varieties, with true gentian-blue flowers. 35 cts. for 10, \$3.00 per 100, \$25.00 per 1000



CHIONODOXA LUCILIAE
(Glory-of-the-Snow)

Spring-Flowering Bulbs to Plant This Fall

Colchicum • Meadow Saffron Giant Autumn-Flowering Crocus

The flowers of this accommodating plant resemble Crocus. If planted in August or September, the flowers will appear in a short time but the foliage does not appear until spring. They may remain in one spot for years without deterioration.

The bulbs may also be bloomed in a sunny window without soil or water and may be planted out after blooming. Plant 2 to 3 inches deep.

AUTUMNALE. Purple.

\$1.75 for 10, \$15.00 per 100

AUTUMNALE ALBA. White.

\$1.75 for 10, \$15.00 per 100

AUTUMNALE MAJOR. Rosy purple.

\$2.75 for 10, \$25.00 per 100

BORNMUELLERI. Rosy lilac.

\$2.75 for 10, \$25.00 per 100

SPECIOSUM. Deep rose-purple.

\$2.75 for 10, \$25.00 per 100

SPECIOSUM, AUTUMN QUEEN. Large-flowering hybrid. Huge clusters of flowers of deepest rose-purple.

\$3.75 for 10, \$35.00 per 100

SPECIOSUM, THE GIANT. One of the largest pure lilac varieties. Makes an excellent showing when planted among a ground cover such as Pachysandra or Vinca.

\$3.75 for 10, \$35.00 per 100

Corydalis

BULBOSA. A very graceful little bulb for massing in front of the border under shrubs or clumps in the rock garden. It should be planted in groups of a dozen or more bulbs for best effect. In April the racemes of attractive, rosy purple flowers, with glaucous foliage, make a brilliant and extremely showy patch of color. Growth prostrate not over 3 inches. \$1.25 for 10, \$10.00 per 100

Crocus (Dutch) (SPRING FLOWERING)

Giant-Flowering Varieties (Large Bulbs)

We are pleased to offer these beautiful Spring-flowering bulbs in a list of 6 distinct Giant-flowering varieties. The bulbs we are offering are large size. There are three sizes of Crocus imported from Holland. It has been our experience that only large-size bulbs can be depended upon to give best flowering results.

ENCHANTRESS. Porcelain-blue.

REMEMBRANCE. Silvery purple.

PURPUREA GRANDIFLORA. Purple-blue.

STRIPED BEAUTY. White, soft lilac striped.

SNOWSTORM. Large, snow-white.

GOLDEN GIANT. Deep yellow.

S. & W. GIANT-FLOWERING MIXTURE.

Any of the above, 30 cts. for 10, \$2.50 per 100, \$20.00 per 1000

SPRING-FLOWERING CROCUS

"These are most truly to be reckoned Vernal plants for that they rise not out of the ground until the spring bee come in and are gone likewise before it bee past, remaining under ground all the rest of the year."

—Parkinson

Crocus (Dutch) (AUTUMN FLOWERING)

These varieties usually arrive from Holland late in August. If planted early in September will bloom in a short time and after the bulbs are established in the location, will bloom every year.

SPECIOSUS. Bright blue.

SPECIOSUS ALBUS. White form of above.

ZONATUS. Pale lilac.

Any of the above, 50 cts. for 10, \$4.00 per 100, \$35.00 per 1000

Cypripedium (October Delivery)

ACAUΛE (Pink Lady Slipper; Moccasin Flower). An excellent subject for a damp situation. It grows about 1 foot high and produces a large, showy, rose-purple bloom. Plant 3 inches deep and about 8 inches apart. Prefers a mulch of pine or hemlock needles until it becomes established.

\$2.00 for 10, \$18.00 per 100

PUBESCENS. This is the large yellow Lady Slipper or Moccasin Flower. Its showy, fragrant blooms are produced at the top of a leafy form. These little plants are very attractive planted in colonies and are excellent for the woodland path or among sheltered evergreens. \$2.75 for 10, \$25.00 per 100

Erythronium • Dogs-Tooth Violet

AMERICANUM. Charming native woodland plants, particularly suitable for the shady dell or woodland and fine for shaded corners or the rock garden. In April they produce small, lily-like flowers in shades of white, pink, bright yellow, rose, and cream. The beauty of the flowers is greatly enhanced by the richly mottled leaves. They like a light, rather moist, well-drained soil. Plant about 5 inches deep.

70 cts. for 10, \$6.00 per 100

Erythronium

CALIFORNICUM. Has large, cream-colored flowers; leaves richly mottled. Easy to grow. A large colony is a beautiful sight.

\$1.00 for 10, \$9.00 per 100

HENDERSONI. Like Californicum but the flowers are a lovely light purple, with the centers deep maroon, almost black.

\$1.00 for 10, \$9.00 per 100

LILAC-PINK BEAUTY. Similar to Pink Beauty. Best described as lilac-pink.

\$1.30 for 10, \$12.00 per 100

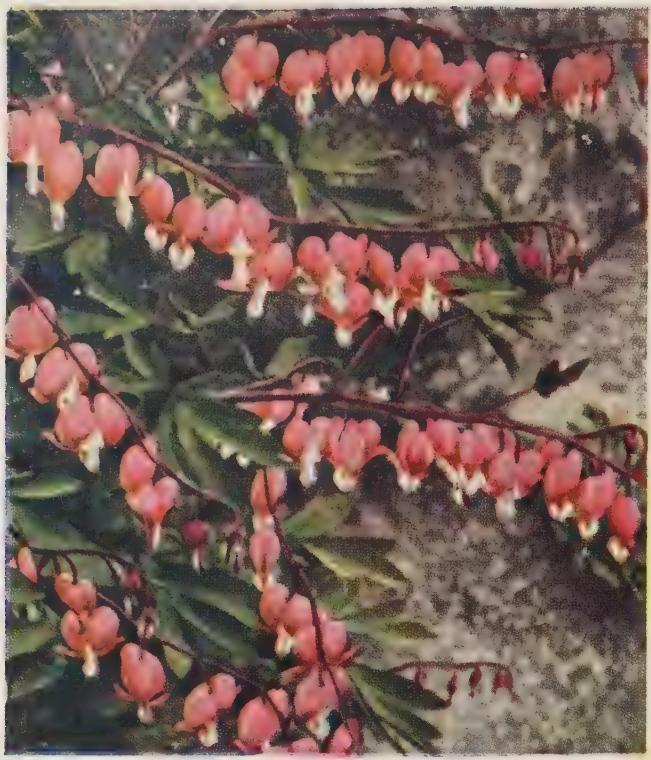
TUOLUMNENSIS. Quite new to both the garden and science. Large leaves, not mottled, and golden yellow flowers. The bulbs are very large and by offsetting, form large clumps. Not too free flowering, but very distinct.

\$1.30 for 10, \$12.00 per 100

S. & W. MIXTURE. A mixture of the above named varieties and many others. Splendid for naturalizing and for rock garden in light shade.

\$1.00 for 10, \$9.00 per 100





DICENTRA spectabilis

Dicentra spectabilis
Bleeding-Heart or Seal Flower

An old-fashioned favorite, with long racemes of graceful, heart-shaped pink flowers that are always attractive. We offer only extra strong clumps which will make fine specimen plants the first year after planting.

75 cts. each, \$2.15 for 3,
\$8.25 per doz.



Glory Lily
Gloriosa
Rothschildiana

Tuberous-rooted greenhouse climber; or may be grown outdoors, provided the roots are lifted before frost. The truly remarkable waxy, lily-like flowers are 3 inches across and have prominent curved stamens; perianth is crimson, banded with gold and near-white at the center, reflexed and waved.

Easy to grow; plant in a sunny position, and water generously in dry weather. Pinch to produce bushy plants for an unusual flower-bed.

\$1.25 each, \$11.00 for 10,
\$95.00 per 100



FRITILLARIA meleagris

Spring-
Flowering
Bulbs
to
Plant
This
Fall



Eranthis • Winter Aconite

In northern gardens these are the first bulbous flowers of the year. They succeed almost anywhere. The bulbs are perishable and should be planted as soon as received. Once established they are quite permanent.

HYEMALIS. The common Winter Aconite. Clear yellow. Very early. Good for the rock garden, under sedums or trees.

50 cts. for 10, \$4.00 per 100, \$35.00 per 1000



EREMURUS (Foxtail Lilies), Shelford Hybrids Mixed

Spring-Flowering Bulbs to Plant This Fall

Eremurus • Foxtail Lilies

This noble and rare bulbous plant from Turkestan is one of the choicest subjects for the permanent hardy border. It thrives best in a well-drained, sheltered, sunny position, and prefers a deep, sandy loam to which has been added a liberal quantity of well-rotted cow manure. A covering of 4 to 5 inches of leaves or litter will be beneficial and will save the young shoots, which start early and are liable to be damaged by late frosts. It produces a tall, majestic flower stalk which rises from a crowded tuft of narrow leaves and is crowned by a flower spike 2 to 3 feet long, composed of closely set, bell-shaped flowers which are quite star-like in effect. The colors are tones of rose, yellow, and white. Excellent for cut-flowers indoors, lasting fully three weeks in water. We suggest that they be planted in groups of not less than three; better effects are created if planted in masses of six or twelve.

ELWESI ALBUS. Pure white flowers similar in habit and height to Robustus. Grows to the height of 7 feet. This, like all Eremurus, is produced from seed, which results in slight variation of tints and shadings. \$3.25 each, \$30.00 for 10

HIMALAICUS. Waxy white flowers with golden anthers. Height 6 to 8 ft. \$2.00 each, \$18.00 for 10

HIM-ROB. 8 to 10-foot stems with flower spike 3 to 4 feet long, closely set with large flowers of pale silvery pink. Blooms in June. \$2.50 each, \$22.00 for 10

ROBUSTUS. Rosy pink flowers in June on 8 to 10-foot stems. Strong grower. \$2.50 each, \$22.00 for 10

SHELFORD HYBRIDS in PASTEL SHADES. These beautiful new tall hardy hybrids bear fine spikes of flowers and can now be obtained in separate colors.

Named Varieties

Isobel. Orange. \$2.50 each, \$22.00 for 10

Rosalind. Bright pink. \$3.25 each, \$30.00 for 10

Moonlight. Pale yellow. \$2.50 each, \$22.00 for 10

White Beauty. White. \$2.50 each, \$22.00 for 10

Shelford Hybrids, Mixed. A mixture of coppery pink, pale yellow, orange and pink flowers. \$1.75 each, \$16.00 for 10

GIANT FREESIAS



Giant Freesias

Freesias are easy to grow. Everyone should have several pots of these deliciously fragrant flowers whose scent will spread through the house.

Our bulbs are dug late, are thoroughly ripened, and should not be planted before late September or early October.

Plant them close together in good potting soil, water well, and store the pots outside until real cold weather, when they should be placed in a sunny window or the conservatory. Light feedings of S. & W. Bulb Fertilizer will increase the size of the flowers and enrich their colors.

New Freesia Tecolote Hybrids

Flowers of immense size, wide open and delightfully fragrant. Plants of unusual strength and vigor. A distinct improvement over many commercial varieties offered. We offer five distinct colors:

Lavender, Bright Red, Bright Blue, Bright Pink, Light Yellow and White.

Any of the above colors,
\$7.00 per 100, \$60.00 per 1000

Standard Varieties of Freesias

APOTHEOSE. The finest pale lavender-pink.

ELDER'S GOLDEN GIANT. Rich yellow.

GOLDEN DAFFODIL. Fine rich daffodil-yellow.

GOLDEN WONDER. Large, clear yellow with a beautiful orange mark on the lower petal.

PURITY SUPERFLORA. Excellent white, earlier than Elder's Giant White, but not quite as large. Fine, strong grower.

Any of the above standard varieties,
\$5.00 per 100, \$45.00 per 1000

TALISMAN (Patented). Beautiful Freesia, same color as Talisman Rose—golden yellow and copper. \$6.00 per 100, \$55.00 per 1000

Greenhouse Grown Freesias

We are pleased to offer six outstanding varieties of Freesias from the famous Freesia growers, Van Bourgondien, Babylon, N. Y. Four are covered by plant patents. Our patrons are offered these Freesia bulbs with the understanding that they will not offer for sale either the cut-flowers or the bulbs after they have finished blooming and are cured.

APPLE BLOSSOM (Patented). For size of flower, freedom of bloom and substance we consider this the finest apple-blossom-pink Freesia.

BRONZE GIANT. A lovely new color combination of copper and bronze.

GIANT CREAM. Beautiful cream-yellow.

KING OF THE YELLOWS (Patented). For size of flower, freedom of bloom and substance we consider this the finest yellow Freesia.

MARYON (Patented). One of the earliest of this celebrated grower's introductions. A beautiful even tone of violet-blue.

SNOWSTORM (Patented). For size of flower, freedom of bloom and substance we consider this the finest new white Freesia.

Any of the above varieties,
\$15.00 per 100, \$145.00 per 1000

Fritillaria Imperialis • Crown Imperials (Dutch)

The Crown Imperials, with their stately, gracefully drooping flowers, should not be missed in any garden. They want a good soil, much sun, and can be left undisturbed for years. Must be planted as early as possible and have to be carefully protected against sharp winds, as the tall plants grow 4 feet and more high. They are real "grandmother's favorites" and should be in every hardy border or old-fashioned flower garden.

MAXIMA, RED. Robust and strong-growing variety with large, orange-red flowers. Height 34 inches. 50 cts. each, \$4.50 for 10, \$40.00 per 100

MAXIMA, YELLOW. Large yellow flowers of robust growth. A fine garden plant. Height 34 inches. \$1.70 each, \$16.00 for 10, \$150.00 per 100

ORANGE BRILLIANT. Orange-brown heads with large flowers. A very fine, strong and robust-growing variety which we can recommend as one of the best. Height 36 inches. 50 cts. each, \$4.50 for 10, \$40.00 per 100

DUTCH IRIS

May Blooming

For Indoor or Outdoor Blooming

See page 30





LEUCOJUM *aestivum* (Snowflake)
See page 31



YELLOW CALLA LILY
See page 31



WHITE CALLA LILY
See page 31

Spring-Flowering Bulbs to Plant This Fall

Fritillaria • Guinea-Hen Flower (Dutch)

Fritillarias are excellent bulbous plants for the rock garden or indoor culture. One species found in Southern California is called Mission Bells. The species listed below are grown in Holland and are popularly known as Guinea-Hen Flower.

MELEAGRIS. The blooming season for this lovely little plant is early April, just at the beginning of the early Daffodil season. The bell-shaped flowers are dwarf, pendent, reddish brown and purple, and curiously checkered shades on stems 12 inches long. They are very effective in colonies, requiring a somewhat dry situation; invaluable for the rockery, for naturalizing and very lovely when grown in pans indoors. Use the same culture as for Freesia bulbs.

40 cts. for 10, \$3.50 per 100, \$30.00 per 1000

MELEAGRIS ALBA. Pure white form of the above.

60 cts. for 10, \$5.00 per 100, \$45.00 per 1000

Fritillaria • Mission Bells (American)

The true Mission Bells do better in clay soil in full sun. The woodland Fritillarias like woodland soils and conditions, and in cultivation some shade and an acid-free soil. They are hardy as far north as Wisconsin.

LANCEOLATA. Grows from 1½ to 3 feet high. The flowers are green and brown, mottled prettily, produced on top of the stem.

RECURVA. Resembles a lily. In size and habit like Lanceolata, with orange-scarlet flowers of a lovely, clear brilliant coloring.

PUDICA. Of a still different habit. A low plant about 6 inches high with a single clear, bright yellow bell. Likes sandy or loose soils and a warm spot in the rockery where you will enjoy it immensely.

Any of the above varieties,
\$1.30 for 10, \$12.00 per 100

Grape Hyacinth

See **MUSCARI**.

Gladiolus, Colvillei Type

This type of Gladiolus is grown in the greenhouse, and is usually forced into bloom in late February and early March. It is excellent for cut-flowers.

PEACH BLOSSOM. Pale pink.

90 cts. for 10, \$8.00 per 100

SPITFIRE. Bright scarlet.

90 cts. for 10, \$8.00 per 100

TRISTIS SUPREME. One of the loveliest of this type and now seen quite frequently as a pot plant at our New York Flower Show. The flowers are creamy white, borne on long, ivory stems. Excellent for forcing. \$2.00 for 10, \$18.00 per 100

Bulbous Irises

The gardener who has not grown Bulbous Irises has a treat in store. They require just about as little work and worry as anything we grow, and when the long stems produce their beautiful flowers one can be excused for uttering a gasp of astonishment.

Among the Bulbous Irises we have exquisite white varieties, rich yellows, and lovely bicolors with standards of one color and falls of another. While some varieties are scentless, others are delightfully fragrant, adding to their cut-flower value.

Culture. Plant in ordinary good soil 4 to 5 inches deep. Water freely during growing and blooming time.

English Irises

JUNE BLOOMING

While this Iris differs from the Dutch varieties in that it cannot be forced in bloom in a greenhouse, it is one of the finest to grow in the garden for decoration or cutting. It is hardy, easy to grow, and seldom, if ever, fails to bloom.

QUEEN OF THE BLUES. Brilliant deep bright blue.

MONT BLANC. Pure white.

OTHELLO. Rich dark blue.

TRICOLOR. Bluish lilac and mauve.

Any of the above, \$1.60 for 10, \$15.00 per 100,
\$140.00 per 1000

Dutch Irises

MAY BLOOMING

For Indoor or Outdoor Blooming

BLUE HORIZON. Very broad and strong. Light violet-blue standards; falls soft sky-blue, narrow orange stripe. Large, beautiful flower.

EARLY SNOW. One of the finest early white varieties.

IMPERATOR. Uniform shade of dark purple-lilac; of good substance and size. Popular as a forcing Iris to bloom after Wedgwood.

JACOB DE WET. A very early variety of an even shade of rich dark blue.

WHITE EXCELSIOR. Uniform pure white. Falls very broad; very good form and substance. Delightful fragrance.

YELLOW QUEEN. Standards and falls golden yellow. Excellent for early forcing. Fragrant.

Any of the preceding,
90 cts. for 10, \$8.00 per 100, \$75.00 per 1000

Iris Species

IRIS RETICULATA. This lovely fragrant species is an excellent Iris for the garden or rock garden. It is best described as a small form of the Dutch Bulbous Iris, to which it is related. If planted in September, it may be had in bloom at Christmas-time. The blossoms are very fragrant and remind one of a bunch of French lilacs. Perfectly hardy with reasonable protection. Flowers borne on spikes 8 to 10 inches tall, of a deep violet-blue. Very easily grown in the house.

90 cts. for 10, \$8.00 per 100

Iris, Wedgwood

This type of Iris is principally used for greenhouse growing and may be had in bloom in late February. Standards dark blue; falls beautiful pale blue, with yellow blotch. Flowers frequently measure 6 inches across, borne on stems 2 feet tall.

Jumbo Bulbs \$1.30 for 10, \$12.00 per 100

Precooled Iris

We offer several distinct varieties of the above Iris in precooled bulbs for early January blooming in the greenhouse.

Spring-Flowering Bulbs

Lachenalia

These South African bulbs are known in Europe as the Cape Cowslip but the bell-shaped flowers look more like Grape Hyacinths than Cowslips. They make splendid pot plants and if carefully handled after blooming will last for years.

AUREA. Spikes of beautiful rich yellow.
\$3.00 for 10, \$25.00 per 100

Leucocoryne (American) (October Delivery)

IXIODES ODORATA. An excellent subject for a cool greenhouse, growing about 1 foot high, and bearing four to six blooms of light blue, center marked white. Slightly fragrant. The culture used for Freesias is recommended. Not hardy.
\$2.00 for 10, \$18.00 per 100

For Indoor Growing Calla Lilies

A stiff, clayey soil with a small quantity of shredded cow manure is needed. Bulbs should be set with the top protruding just above the surface.

BABY WHITE CALLA LILY. This dainty, pure white Calla is a perfect miniature of the larger *Aethiopica*.
Selected Bulbs

50 cts. each, \$4.00 for 10, \$35.00 per 100

BLACK CALLA (*Arum pictum*). Very large, black flowers, spathe changing to maroon with age.
60 cts. each, \$5.50 for 10, \$50.00 per 100

PINK CALLA LILY (*Zantedeschia rehmannii*). A dwarf Calla. The flowers are rose-pink but fade to cerise as they mature. A very unusual novelty.
Selected Bulbs

50 cts. each, \$4.50 for 10, \$40.00 per 100

WHITE CALLA LILY.

First-size Bulbs

35 cts. each, \$3.00 for 10, \$25.00 per 100

Mammoth Bulbs

50 cts. each, \$4.50 for 10, \$40.00 per 100

Jumbo Bulbs

70 cts. each, \$6.50 for 10, \$60.00 per 100

YELLOW CALLA LILY. A grand novelty—one that should be planted extensively. The deep golden yellow flowers are truly magnificent and are produced in abundance. The green foliage is spotted creamy white, which adds to its beauty.
First-size Bulbs

35 cts. each, \$3.00 for 10,
\$25.00 per 100

Mammoth Bulbs

50 cts. each, \$4.50 for 10,
\$40.00 per 100

Jumbo Bulbs

70 cts. each, \$6.50 for 10,
\$60.00 per 100

MERTENSIA virginica (See page 32)

Ixia • African Corn Lily

Mixed. Beautiful little plants of easy culture, about 1 foot high. Long, slender, graceful spikes of blooms in shades of yellow, white, pink, scarlet and crimson, the center always differing in color from the outer parts. Plant bulbs 3 inches deep, 4 to 6 inches apart, and in cold sections provide winter protection. Not recommended for outdoor culture in very cold regions. Fine for indoors.
60 cts. for 10, \$5.00 per 100

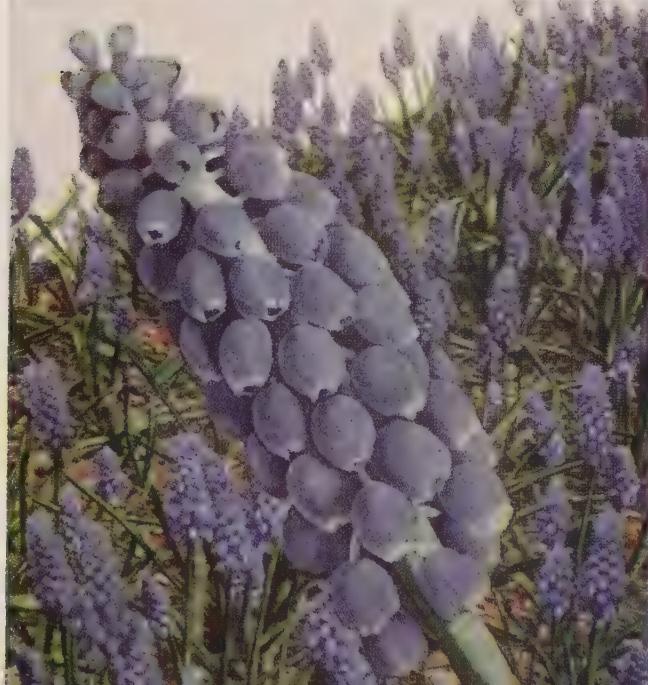
Leucojum aestivum (American)

Spring Snowflakes

(October Delivery)

This pretty bulbous plant is similar to the snowdrop, but of larger, stronger, and more attractive habit. In rich soil it grows to a height of 8 inches and produces, in late April, beautiful large, white flowers, tipped with green, that are excellent for cutting. When once planted they take care of themselves, and should be in all hardy collections. Also do well in pots.
85 cts. for 10, \$7.50 per 100

MUSCARI armeniacum (Grape Hyacinth)



Lilies for the Greenhouse

(See page 24)

Lily-of-the-Valley

We offer selected, 2-year-old, home-grown pips for outdoor planting. These are not suitable for greenhouse forcing. The pips should be planted 4 inches apart each way, with the top just beneath the surface of the soil.

75 cts. for 10, \$1.75 for 25, \$6.00 per 100

Larger Pips for indoor growing.

\$2.25 for 10, \$5.00 for 25, \$18.00 per 100

Lycoris radiata

From ten to twenty flowers are borne on slender scapes 1 to 1½ feet high in early autumn. They are bright crimson in color, about 1½ inches across. They are easily grown indoors in the North, but in the South they can be planted in the garden.

\$1.75 for 10, \$15.00 per 100

LYCORIS SQUAMIGERA. See AMARYLLIS HALLI.

Muscari • Grape Hyacinth

One of the most charming of Spring-flowering subjects, blooming during daffodil time in April. They will grow well under trees and also do well in full sun in the border or a sunny spot in the rockery. Absolutely hardy and will increase in number.

ARMENIACUM. The finest and clearest blue of all the Muscari. It is especially valuable for naturalizing with Narcissus and is excellent for greenhouse forcing during the winter. The spikes attain a height of 4 to 5 inches and are well set with beautiful clear blue flowers.
45 cts. for 10, \$4.00 per 100, \$35.00 per 1000

BOTRYOIDES COERULEUM. Bright blue, very free-flowering, somewhat earlier than Armeniacum. Usually blooms with the Crocuses. This is the common blue Grape Hyacinth and an excellent subject for the rock garden.
40 cts. for 10, \$3.50 per 100, \$30.00 per 1000

BOTRYOIDES ALBUM. The white form.
60 cts. for 10, \$5.50 per 100, \$50.00 per 1000

PLUMOSUM (Feather Hyacinth). Very fine feathery blooms of violet color. Very pretty and unusual for cutting; lasts a long time. Usually blooms the latter part of May.
40 cts. for 10, \$3.50 per 100, \$30.00 per 1000

RANUNCULUS (See page 32)



Spring-Flowering Bulbs to Plant This Fall

Mertensia • Virginia Bluebells

VIRGINICA. A beautiful hardy perennial particularly effective in the open border and for naturalizing in woodlands and along brook or pond. The plant grows from 1 to 2 feet high, bearing a panicle of flowers of a soft porcelain-blue shade. It flowers with the daffodils, continuing while the May-flowering tulips bloom.
Extra-heavy Clumps, \$2.00 for 10, \$18.00 per 100

Ornithogalum

ARABICUM (Star of Bethlehem). Tall spikes of pure white florets, each set off by a gleaming black pistil which makes a striking feature. Many flowers on a stem.
10 cts. each, 90 cts. for 10, \$8.00 per 100

UMBELLATUM (Star of Bethlehem). Umbel-like corymbs of 1-inch white flowers margined with green, white outside. Plant outdoors and do not disturb.
70 cts. for 10, \$6.00 per 100

Oxalis • Shamrocks

Attractive foliage as well as pretty flowers make these especially good for pots or hanging baskets, and advantage should be taken of the low price to have a number of these blooming all winter. The three-leaved foliage is popular for St. Patrick's Day. Ordinary potting soil makes them happy.

BERMUDA BUTTERCUP. Yellow.

GRAND DUCHESS. Lavender.

HIRTA. A lovely pink variety.

40 cts. for 10, \$3.50 per 100

Ranunculus

These bulbs produce large, turban-like heads of fully double flowers, in a great range of color. They excel as cut flowers and for that purpose are recommended for greenhouse forcing. Hardy south of Washington, but about New York should be planted only in favorably located positions and heavily protected. Plant outdoors in spring; dig bulbs in the Fall. Blooms in July.

TECOLOTE GIANTS, MIXTURE. The flowers are very double, blended with giant semi-doubles. Shades of orange, red, yellow, pink, etc., abound; in fact, every desired shade is included.

70 cts. for 10, \$6.00 per 100, \$55.00 per 1000

TECOLOTE IN SEPARATE COLORS. We offer six distinct colors and shades: **Light Yellow, Golden Yellow, Orange Shades, Red Shades, Pink Shades, and White Shades.**

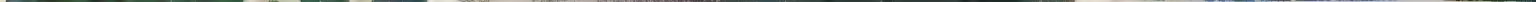
Any of the above separate colors,
75 cts. for 10, \$6.50 per 100, \$60.00 per 1000



SNOWDROPS (Galanthus)



SCILLA campanulata



SCILLA sibirica

Puschkinia

LIBANOTICA. The flowers are white, shaded and striped soft blue. A lovely early-flowering bulb which is very fine for the rock garden and planting or associating with the Chionodoxa.

LIBANOTICA ALBA. The pure white form. Either variety, 40 cts. for 10, \$3.50 per 100, \$30.00 per 1000

Scilla campanulata

The Spanish Bluebells or Wood Hyacinths are delightful May-flowering bulbous plants which bear their lovely bells in clusters on 15- to 18-inch stems above profuse deep green foliage. They like a woody soil and do well in partial shade. Plant 3 to 4 inches deep.

BLUE QUEEN. Bright blue.

EXCELSIOR. Deep blue.

LA GRANDESSE. White.

QUEEN OF THE PINKS. Rose-pink.

Any of the above, 50 cts. for 10, \$4.50 per 100, \$40.00 per 1000

Scilla sibirica • Siberian Squill

This charming bulbous flower blooms just after the chionodoxa, connecting the flowering season of the crocus with that of the narcissi. They are fine for naturalizing under trees or in the open woodland, producing drooping, bell-like flowers on stems 3 to 4 inches in height. Blooms very well in the rock garden. Plant 3 inches deep in shade, half-shade, or in full sun. Splendid to plant among narcissi.

BLUE. Rich deep blue.

WHITE. Pure white, a variety sometimes used for interspersing with the blue

Either of the above varieties,

50 cts. for 10, \$4.50 per 100, \$40.00 per 1000

SPRING BEAUTY. A dark improvement over the type. The flowers are more numerous, of a deeper rich blue, and are borne on stems 4 to 5 inches tall.
60 cts. for 10, \$5.50 per 100, \$50.00 per 1000

Snowdrops • Galanthus

There just isn't anything in the plant world to take the place of these lovely little harbingers of spring. In our northern gardens they often push through the late snows and dot the scenery when the snow has melted. They will do well most anywhere but prefer moist, cool soil and are especially pleasing under trees and shrubs. If undisturbed and the tops allowed to ripen each season, they will last for years. Plant thickly for best effects.

ELWESII. This is the old-fashioned favorite. Its pretty white nodding flowers bloom before the frost is out of the ground.

40 cts. for 10, \$3.50 per 100, \$30.00 per 1000

Sparaxis

South African bulbous plants with graceful spikes of spectacular flowers in a gay conglomeration of purple, yellow, brown, and white in strange markings. Plant 2 to 3 inches deep in late fall and mulch heavily in the North. For winter bloom in the house, pot and store outside until real cold weather, when they should be brought in. Six corms will be enough for a 6-inch pot.

60 cts. for 10, \$5.00 per 100

Trillium

GRANDIFLORUM. This beautiful native woodland plant grows 8 to 12 inches high and produces large white flowers, turning lilac with age. Popular for garden planting. We offer large, strong clumps.

\$1.10 for 10, \$10.00 per 100, \$90.00 per 1000

STYLOSUM. Similar to the above, but somewhat smaller and has pink flowers.

\$1.20 for 10, \$11.00 per 100, \$100.00 per 1000

Triteleia

UNIFLORA VIOLEACEA (*Milla uniflora violacea*). Deliciously fragrant little flowers of pale violet-blue, with white centers, are produced on 3-inch stems in early spring. Although hardy, if protected over winter will spread rapidly, especially under trees and shrubs. Fine for rockery. Do not require rich soil.

50 cts. for 10, \$4.00 per 100, \$35.00 per 1000

Tritonia crocata

This beautiful Cape bulb is usually treated as a greenhouse plant and handled like the freesia, which it somewhat resembles in its foliage. The lively orange-red flowers are borne in racemes on slender stems and are about 2 inches across. Splendid pot plant.

70 cts. for 10, \$6.00 per 100

Veltheimia viridifolia

Handsome plant with broad, decorative shiny green leaves of a most brilliant shade, from the midst of which arise spikes with drooping, tubular pink flowers. The flower-spikes are from 15 to 18 inches high. The bold habit and beautiful foliage make this an especially fine pot plant (use 8-inch pots). Easy to grow in a cool greenhouse and will flower in midwinter from fall-planted bulbs. The sturdy flower-spikes carry from 40 to 60 flowers which are 1½ inches long. Leaves from 9 to 12 inches long, with wavy edges. Dormant bulbs are about the size and shape of a very large Daffodil bulb.

70 cts. each, \$6.50 for 10, \$60.00 per 100

HARDY PERENNIAL PLANTS PRODUCED IN THE RENOWNED S. & W. GARDENS

Our Perennial Plants are propagated in our nurseries at Farmingdale, Long Island, where the climate is conducive to rugged plants. Here we have humid summers and cold, wet winters with bitter winds.

ACONITUM (Monkshood). Very effective in shady places. Requires a woody soil. Root is poisonous.

Napellus. Rich dark blue. 4 ft. Aug.

Sparks' Variety. Deep violet-blue. Very stately, growing up to 5 feet.

Above 2 varieties, 55 cts. each, \$1.50 for 3, \$5.50 per doz.

AETHIONEMA, Warley Rose (Rock-Daphne). ★ Rich pink. Resembles a miniature Daphne; very choice. 4 to 6 in. May, June. 55 cts. each, \$1.50 for 3, \$5.50 per doz.

AJUGA (Bugle-Flower). Splendid carpeting plants and ideal ground covers for sun or partial shade.

Metallica. ★ Bronze foliage and blue flowers. 4 to 6 in. June.

Multicolor. ★ Leaves are multicolored, varying from dark green to red, white, and yellow. 4 to 6 in.

Reptans alba. ★ Pure white flowers. 4 to 6 in. June.

Reptans, Pink Spires. ★ Very effective because of its soft pink flowers on long spikes. Perfect compact habit. Fine for the edges of paths and walks. 6 to 9 in. June, July.

ALYSSUM (Basket of Gold). These produce sheets of yellow flowers. Very suitable for rock gardens, walls, and sunny borders.

Saxatile. ★ Golden yellow. 1 ft. May.

Silver Queen. ★ Lemon-yellow. 1 ft. May.



AQUILEGIA, Super-Spurred Colossal

These extremes of weather produce "tough" plants which will thrive anywhere. We do not offer as hardy, plants which are definitely not so. You may plant them with every confidence.

ANCHUSA (Alkanet). These rank among the best blue summer-flowering plants.

Myosotidiflora. ★ Produces sprays of turquoise-blue flowers resembling forget-me-nots. 1½ ft. May, June.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

AQUILEGIA (Columbine). Beautiful old-fashioned border plants of indescribable charm. Graceful spurred flowers, often two-colored, on long stems, are produced mostly in early summer. All are excellent for cutting.

Super-Spurred Colossal. A strain of gigantic-sized blooms, measuring 5 to 6 inches across, with spurs 4 inches long, covering a range of over 50 colors.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

Long-spurred Varieties. All flower in June, and are from 2 to 3 feet in height.

Blue Shades **Yellow Shades**

Rose and Pink Shades **Scarlet Shades**

Copper Shades **Sawco Hybrids**

Longissima. Bright yellow, with spurs 3 to 4 inches long. 2½ ft. Usually blooms late, from July on.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

ARABIS (Rock-Cress). ★ These make a wonderful spring display and are good for rock gardens and as edgings for paths and borders.

Albida fl.-pl. Pure white, fully double flowers, sweetly scented and resembling stocks. 9 in. May.

Rosabella. Very compact, with delicate pink flowers. 6 in. May.

Snowcap. Compact habit, with single white blossoms. 6 to 9 in. April.

ARTEMISIA, Silver King (Ghost Plant). A very decorative plant with white, finely cut leaves. Excellent in the perennial border to accentuate the beauty of flowering plants. 3 to 4 ft.

ASTER (Michaelmas Daisy). Provide a wealth of bloom in September and October, and are as invaluable as chrysanthemums. Splendid for borders and also for naturalizing in woodland plantings. They thrive anywhere but have a preference for sandy loam and a dislike for overcrowding. The dwarf varieties provide much-needed fall color in the rock garden.

Novi-belgi. All varieties flower in September and October.

Little Pink Lady. Large, semi-double, rich pink flowers. 1½ ft.

Mount Everest. Large, pure white flowers in great profusion. 4 ft.

Palmyra. Fine double pink.

Strawberries and Cream. The flowers open deep pink, changing to a softer pink, the whole plant having a color combination distinctly its own. 4 ft.

ASTER, Various Species.

Alpinus, Goliath. ★ Large blue flowers with orange centers. 1 ft. June.

Hybridus luteus. Myriads of small starry yellow flowers on graceful stems. Compact. 2 ft. July-Sept.

ASTER, Dwarf Hybrids.

Countess of Dudley. ★ Clear pink.

Snowsprite. ★ Pure white.

Victor. ★ Pale blue.

BOLTONIA (Bolton's Starwort).

Asteroides. Single; white. 5 ft.

Latisquama. Lilac-pink. 5 ft.

CAMPANULA (Bellflower). These beautiful spring and summer flowering plants are most suited for the rockery and border. They are of easy culture.

Carpathica. ★ A compact-growing plant 6 inches high. Large clear blue flowers. July.

Carpatica alba. ★ White twin of the above.

Garganica. ★ Trailing habit. Covered with deep blue, starry flowers in July.

Olympica. Very graceful, like an enlarged Harebell. 30 in. June, July.

Persicifolia alba. Snow-white bells 1½ inches in diameter produced on long, wiry stems. 3 ft. June.

Persicifolia, Blue Spire. Very attractive spikes of opalescent blue on strong, sturdy stems. Double flowers. 3 ft. June, July. 65 cts. each, \$1.85 for 3, \$7.00 per doz.

Persicifolia, Telham Beauty. Long, wiry 3-foot stems with large, single, silvery lavender-blue bells. July.

CANTERBURY BELLS. These grand old-fashioned border plants provide a wealth of blooms in June and July.

Offered with single flowers:

Blue **Pink** **White** **Mixed**

CHRYSANTHEMUM maximum (Shasta Daisy). Highly decorative and shapely plants. Flowers are glistening white, and with most varieties are produced in June and July. All are of very easy culture and most suitable for cutting.

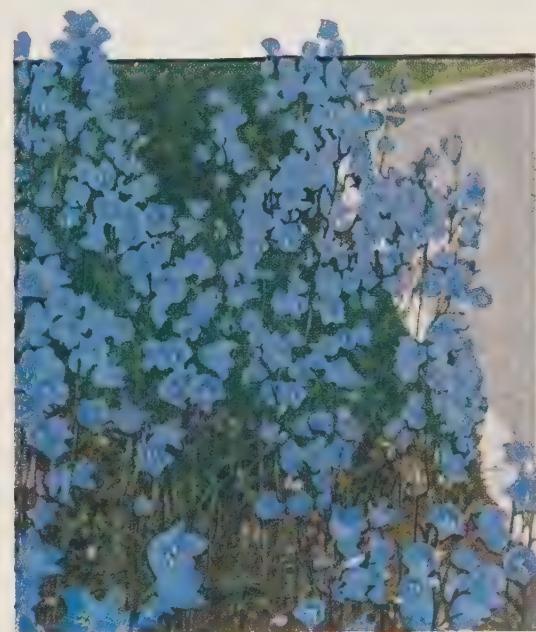
Alaska. Large white flowers 3 inches across. 2 ft. June.

Esther Reed. A large double pure white Shasta Daisy with flowers on sturdy stems. Perfect for cutting. Blooms all summer. 1½ ft. 55 cts. each, \$1.50 for 3, \$5.50 per doz.

Leucanthemum, White Swan. A double white Ox-eye Daisy flowering in June and July. 2½ ft.

Nipponicum. A very hardy shrubby specimen with large leathery leaves and 2-inch, pure white flowers in late August. 2½ ft.

Majestic. Enormous flowers, often as large as saucers, are produced freely on strong stems. Midsummer. 2½ ft. 75 cts. each, \$2.15 for 3, \$8.25 per doz.



CAMPANULA PERSICIFOLIA,
Telham Beauty

PRICES, unless otherwise noted, \$1.30 for 3, \$5.00 per doz. Purchaser pays transportation beyond 50 miles of New York

★Dwarf plants for the Rock Garden and edging the Perennial Border

PLANT S. & W. HARDY PERENNIALS WITH CONFIDENCE

CHRYSGOGONUM virginianum (Golden Knee).

★ Ground cover for sun or partial shade. Grows 4 to 6 inches high and requires a rich woody soil. Bright starry golden yellow flowers are produced from May to August; handsome dark green foliage.

COREOPSIS (Tickseed). Old-fashioned border plants of very easy culture. Great profusion of flowers in July and Aug.

Mayfield Giant. An improvement on the old *C. grandiflora*, with larger yellow flowers and longer stems. 3 ft.

Perry's Variety. Beautiful semi-double flowers of rich golden yellow. 2½ ft.

Verticillata. ★ Dwarf, compact plant 9 to 12 inches tall. Myriads of starry orange flowers from June until September.

DELPHINIUM (Perennial Larkspur). The king of border plants. Easy to grow, despite reports to the contrary. Provide well-drained soil; give bonemeal and careful additional feedings of our General Garden Fertilizer. Spray with Bordeaux. For mildew, dust with sulphur.

Super-Gold Medal Hybrids. A splendid color-range from light blue to deep purple. Yearling plants.

Belladonna. Clear turquoise-blue with a glistening sheen.

Belladonna, Cliveden Beauty. Bright sky-blue flowers on large spikes. 4 ft. July.

Bellamomum. A dark blue form of Belladonna.

Chinensis. Deep blue flowers and finely cut foliage. 2 ft. July.

Chinensis alba. A white form of the above.

Pacific Hybrids. These plants with their very fine foliage and long, well-balanced spikes of flowers, are extremely vigorous and very resistant to disease.

Blue Jay. Blue with gray overtones.

King Arthur Series. Royal violet.

Guinevere Series. Light lavender-pink.

Summer Skies Series. Clear light blue.

White Series. Clear glistening white.

Round Table. Mixture of all colors.

The Pacific Hybrids are 65 cts. each, \$1.90 for 3, \$7.25 per doz.

DIANTHUS, New Blue. ★ Foliage is dark green. Flowers lavender-blue, resembling a sweet william, and profusely borne on 9-inch trusses. July-Sept.

Beatrix. ★ Light salmon-pink, exquisitely scented flowers from May to Nov. 9 in.

Silvermine. ★ Novelty. Like Beatrix except that the flowers are pure white.

Scotch or Florist's Pinks. ★ Wide color-range; single and double. 1 ft. June.

Above 4, 55 cts., each. \$1.50 for 3, \$5.50 per doz.

DICENTRA (Bleeding-Heart).

Eximia (Fringed Bleeding-Heart). ★ Dwarf plant with fern-like leaves and rose-pink flowers. 1 ft. Apr.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

Spectabilis. Old-fashioned Bleeding-Heart. Beautiful, bright rose, heart-shaped flowers.

75 cts. each, \$2.15 for 3, \$8.25 per doz.

DIGITALIS (Foxglove). Valuable plants for borders, woods, and wild gardens, with lush foliage and long spikes of beautiful tubular flowers. Useful subjects for the shaded portions of your herbaceous border.

Giant Shirley. A mixture of pink, white, purple, yellow. 5 to 6 ft. June.

DORONICUM (Leopard's Bane). Handsome early-flowering perennial of easy culture.

Clusi. ★ Bright yellow flowers on 9-inch stems. May.

ECHINOPS Ritro (Globe Thistle). A striking plant with handsome, silvery, thistle-like foliage and metallic-blue flowers. 3 to 4 ft. July.

Taplow Blue. Many heads of brilliant blue flowers. Good for cutting. 3 to 4 ft. July.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

FUNKIA (Plantain Lily). Hardy subject that is especially suitable as a foliage plant in dark and shady places. July.

Fortunei robusta. Glaucous green foliage. Lilac-blue flowers. 2 ft.

Lancifolia albo-marginata. Green-white variegated leaves. Blue flowers. 2 ft.

Subcordata grandiflora. Large leaves of refreshing green and tremendous spikes of pure white flowers. 1½ to 2 ft.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

GAILLARDIA. Produces a continual display of richly colored flowers from June until October, unsurpassed for brilliance.

Mr. Sherbrook. Fine variety with large flowers of pure yellow, on long stems. 2 ft.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

Goblin. A dwarf variety. Bright yellow flowers with a deep red zone. 12 to 15 in.

Portola. Coppery scarlet flowers margined with gold. 2½ ft.

S. & W. Giant Hybrids. A grand strain from all the best hybrids. 2½ ft.

GERBERA (Transvaal Daisy). These beautiful daisy-like flowers 4 to 5 inches in diameter, embrace shades of red, orange, rose, to white and yellow. Protect them with a mulch of leaves over winter.

Jamesoni Hybrids, Single. A splendid mixture of all shades. July-Oct.

60 cts. each, \$1.75 for 3, \$6.50 per doz.

Jamesoni Hybrids, Double. Perfectly double flowers of the most beautiful pastel shades. 90 cts. each, \$2.60 for 3, \$10.00 per doz.

GYPSOPHILA (Baby's Breath). They are essentially for summer bouquets, and in the border their light, airy appearance will greatly enhance all other perennials.

Bristol Fairy. Graceful; one of the most popular varieties for cutting, having huge panicles of pure white double flowers. 4 ft. July, Aug. 2-yr. field-grown, 75 cts. each, \$2.15 for 3, \$8.25 per doz.

Pacifica. Rose-colored, flowering later than Paniculata. 2½ to 3 ft. Aug.

Paniculata. Masses of small, pure white, single flowers. 2½ to 3 ft. July.

Repens Bodgeri. ★ A dwarf variety, excellent for edgings and the rock garden. Very light pink, double flowers. 1 ft.

HELENIUM (Sneezewort). Fall-flowering perennial of easy culture. The flowers have warm autumn tints; excellent for cutting.

Riverton Beauty. Lemon-yellow. 4 to 5 ft. Aug., Sept.

Riverton Gem. Crimson-brown, shot with gold. 4 to 5 ft. Aug., Sept.

HELIANTHUS (Perennial Sunflower). Tall, choice border plants, fine for naturalizing and for providing an abundance of cut-flowers in late summer.

Monarch. Large, deep yellow-orange, single flowers. 5 ft. Aug., Sept.

Soleil d'Or. Double, 3-inch dahlia-like flowers of rich yellow. Excellent for cutting. 4 to 5 ft. July until late Sept.

HELIOPSIS (North American Ox-Eye). Choice perennial, easily grown, its only requirement being plenty of sunshine.

Incomparabilis. A grand plant that blooms in June and July; if cut back in July it will start again in September and bloom until frost. The individual flowers are 3 inches across and of the richest golden yellow. 2½ to 3 ft.

Patula. European Novelty. Rich cadmium-yellow; 3 rows of erect petals.

All above Heliopsis, 55 cts. each, \$1.50 for 3, \$5.50 per doz.

HELLEBORUS Niger (Christmas Rose). ★ Hellebores need a good, deep, rich soil and semi-shade. They look well planted at the base of a broad-leaved evergreen, or in a sheltered nook in the rock garden. They should not be disturbed; after a year or so, they will throw their beautiful flowers in ever-increasing profusion. Big, dark green, leathery leaves and very large white flowers in December. 1 ft. \$1.50 each, \$4.25 for 3, \$16.50 per doz.

Hemerocallis

3 SPLENDID MIXTURES

Francis Marion Series. Most modern and loveliest of the reds, wines, maroons and purples; all in the boldest patterns, and with no yellow or orange roots. Varied blooming season of these roots. Varied blooming season of these varieties gives several months of brilliant color in your garden. \$1.25 each, \$3.50 for 3, \$13.50 per doz., \$100.00 per 100.

Sunshine Series. To enable our customers to have some of the better new varieties in lemon, gold and other light colors at a moderate price we have selected this Sunshine series. They include some of the finest sorts, sold unnamed and unlabeled, in mixture only. 55 cts. each, \$1.50 for 3, \$5.50 per doz., \$40.00 per 100.

Jacob Murray Series. Made up of all the darker colored Day-lilies. They range in color from dark maroons, mahogany and rose, to tan and many bicolors. All are unusual and vary as to height and time of bloom. 65 cts. each, \$1.80 for 3, \$6.75 per doz., \$47.50 per 100.



DELPHINIUM, Pacific Hybrids

PRICES, unless otherwise noted, \$1.30 for 3, \$5.00 per doz. Purchaser pays transportation beyond 50 miles of New York

★Dwarf plants for the Rock Garden and edging the Perennial Border

THESE PLANTS ARE PRODUCED IN OUR OWN GARDENS

HEMEROCALLIS (Day-Lily). Graceful grass-like foliage sets off the fragrant lily-like flowers. We offer varieties blooming from May until July. After each variety is the date on which our first blooms appear. Flowering period is from 4 to 6 weeks.

• **Bay State.** Large; orange. 3 ft. June 25.
55 cts. each, \$1.50 for 3, \$5.50 per doz.

• **Dover.** Large; gold. 2½ ft. May 25.
55 cts. each, \$1.50 for 3, \$5.50 per doz.

• **George Yield.** Large; golden yellow with brown suffusion. 3½ ft. July 1.
55 cts. each, \$1.50 for 3, \$5.50 per doz.

Goldeni. Golden yellow. 3 ft. June 8.

• **Gypsy.** Very deep orange. 4 ft. June 17.
55 cts. each, \$1.50 for 3, \$5.50 per doz.

Hyperion. Citron-yellow. Considered the finest. 3½ ft. \$1.00 each, \$2.90 for 3, \$11.00 per doz.

• **J. A. Crawford.** Fine apricot-yellow. 4 ft. June 17.
55 cts. each, \$1.50 for 3, \$5.50 per doz.

Mikado. New. Rich orange, purple shading. 75 cts. each, \$2.15 for 3, \$8.25 per doz.

Ophir. Tall; lemon-yellow. 4 ft. June 25.
55 cts. each, \$1.50 for 3, \$5.50 per doz.

• **The Gem.** Pale gold. 3 ft. June 15.
55 cts. each, \$1.50 for 3, \$5.50 per doz.

COLLECTIONS

1 plant each of the above 6 varieties marked •, \$3.00

3 plants each of the above marked •, \$8.75

Dwarf Hemerocallis

The following are low-growing plants, averaging no more than 18 to 24 inches. Perfectly hardy and of easy culture, they bear hundreds of flowers each season when once established. Excellent for edging borders, paths, and driveways.

Dr. Regel. Rich orange-yellow; fragrant. 2 ft. May 20.

Dumortieri. Bright yellow, shaded brown. May, June.

Gold Dust. Orange. 2½ ft. May 25.

Middendorffii. Bright yellow-orange. June, July.

Orangerman. Beautiful orange-yellow. Early June.

Above Dwarf Hemerocallis, 65 cts. each, \$1.90 for 3, \$7.25 per doz.

COLLECTIONS ABOVE

5 plants, one each of the above, \$3.00
15 plants, three each, \$8.75

HEDERA Helix (English Ivy). Field-grown plants, 2-ft. runners. 3 for \$1.50, \$5.50 per doz.

HEUCHERA (Alum-Root; Coral Bells). ★ Splendid plants of compact habit. Graceful spikes of flowers.

Bloom's Variety. Large, rich red flowers on 18-inch stems. Pretty mottled foliage.

Oakington Jewel. Vigorous spikes of many small coral-pink bells. Beautiful dark mottled foliage.

Snowflake. Sturdy 18-inch spikes of large pure white flowers.

HOLLYHOCKS (*Althaea rosea*). These old favorites, gay with color during July and August, are striking as a background for other flowers in the perennial bed and in the shrubbery.

Haile Selassie (The Black Hollyhock). The plants grow 6 to 8 feet high, with large, perfectly set flowers of a dark chocolate color which is further enhanced by beautiful pale yellow stamens.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

Superb Double Hollyhocks.
Newport Pink White Mixed
Scarlet Yellow

PRICES, unless otherwise noted, \$1.30 for 3, \$5.00 per doz. Purchaser pays transportation beyond 50 miles of New York

★Dwarf plants for the Rock Garden and edging the Perennial Border

HIBISCUS (Mallow). Strong-growing perennials with beautiful flowers 4 to 5 inches in diameter in August. 5 to 6 ft.

Mallow Marvels. Mixture of Red, White, and Pink.

White-with-Crimson-Eye, Pink, and Red.

IBERIS (Perennial Candytuft). ★ Beautiful dwarf evergreen plants thriving in sun or partial shade. Useful for the rock garden and for edging.

Sempervirens, Little Gem. Compact little bright green plant, becomes a mass of white flowers in June. 6 to 8 in.

Sempervirens, Snowflake. A strong variety with green leaves and heads of perfect snow-white flowers in May. 1 to 1½ ft.

IRIS VULGARIS (Bearded Iris; Flag; Fleur de Lys). June-blooming. These beautiful flowering plants are one of the mainstays of the garden. They are all of easy culture, simply requiring a well-drained soil and plenty of sun. Care should be taken not to plant too deep.

Ambassadeur. Standards rosé lilac; falls rich purple.

Athene. Tall bearded white.

Dauntless. Velvety near red. 40 in.

Dazzler. Deep rose; very fragrant.

Euphony. Yellow; falls flushed blue. 3 ft.

Evolution. Tall bearded, self yellow.

Grace Sturtevant. Rich mixture of dark red, brown, and violet-carmine, with a velvety finish on the falls. A striking feature of this flower is the prominent bright golden beard.

Grisette. Pleasing blend of violet, old-gold and light brown.

Henri Riviere. An excellent flower in delicate shades of soft yellow and pale lilac-mauve. The lilac shading is very delicate, so that the general effect is yellow. 3½ ft.

Indian Chief. Classed as one of the superior reds; it carries a bronzy overcast. Very large flower, quite tall, and well branched.

Midgard. Fine yellow variety with a suffusion of pink.

Milky Way. Milk-white, veined light lavender. Beautiful indeed.

Mrs. Valerie West. Brown-red and crimson; large, fragrant flower. 3 ft.

Pioneer. Rich red-purple.

Queen Catherine. Very large, pale blue flowers. Sweetly scented.

Rameses. Combination of rose, pink, and buff. 3 ft.

Seminole. Velvety red-purple with a bright orange beard.

SPRING AND FALL-BLOOMING IRIS

This splendid group has evoked great interest in the garden world because after flowering profusely in the spring they blossom again in the fall, after they have become well established.

Autumn Elf. Standards are cream, falls lavender. Very fragrant. 1½ ft.

Autumn King. Blue-purple of good substance. 3 ft.

Autumn Queen. A very pretty white, dwarfer than the King.

Dorcas Hutchinson. Very fragrant; deep violet self. Of great merit. 1½ ft.

Peggy Babington. Rich clear canary-yellow. 28 in.

Sangreal. Rich yellow. 28 in.

September Skies. Purple-red. Excellent companion to Golden Harvest. 16 in.

SPECIAL COLLECTIONS

1 each of the above 7 varieties, \$2.90

3 each of the above 7 varieties, \$8.50

IRIS CRISTATA (Crested Iris). ★ Large crested flowers of soft amethyst-blue with a touch of gold. 4 to 6 in. May.

IRIS KAEMPFERI (Oriental Iris). These flower after the Bearded Irises have gone, and will do well in almost any location, but especially well where it is moist.

Improved Varieties.

Ebrus. Double, clear lavender flower of immense size and splendid substance.

Light-in-the-Opal. Double; orchid-pink with glistening sheen.

Mahogany Giant. Deeper shade of velvety maroon than mahogany, and larger.

Violet Giant. Rich violet; semi-double; frequently 27 inches in circumference.

White Giant. White with yellow markings.

Above Improved Irises, \$1.00 each, \$2.90 for 3, \$11.00 per doz.

Standard Varieties.

Ruby King. Double; ruby-crimson.

Blue Queen. Deep blue, veined yellow.

La Favorite. Double; white, veined blue.

Mrs. George Stumpf. Single; white with lavender center.

Painted Lady. Single. A beautiful combination of pink and white.

Pyramid. Tall. Dark violet-purple, yellow blotch.

Violet Beauty. Deep violet; single.

All Standard Irises, 55 cts. each, \$1.50 for 3, \$5.50 per doz.

IRIS PUMILA (Dwarf Iris). ★ Lovely little Iris only 8 inches high. Blooms in April and May. Useful for the rock garden; can also be used for edging.

Excelsa. ★ Pale lemon-yellow.

Sambo. ★ Dark violet-blue.

Schneekuppe. ★ A large showy white.

IRIS SIBIRICA (Siberian Iris). They make large clumps of decorative grassy green foliage and produce an abundance of flowers excellent for cutting. 3½ to 4 ft. June.

Emperor. A dark violet-blue.

Perry's Blue. Clear sky-blue.

Snow Queen. Pure white.



SUPERB DOUBLE HOLLYHOCKS

HARDY PERENNIALS, continued

MINIATURE IRISES. ★ An early dwarf type, blooming along with the daffodil. Beautiful and delicate in appearance, yet especially hardy. Recommended for the rock garden, for edging the border or alongside the garden path. **Fauntleroy.** ★ Standards white edged soft yellow; falls purple edged yellow. 6 in.

Mogador. ★ Milk-white standards; falls soft yellow. 12 in.

Rose Mist. ★ Soft rose-lilac. 10 in.

Sound Money. ★ Rich golden yellow. Blooms spring and fall. 8 in.

Tampa. ★ Brilliant mulberry-red. 1 ft.

Tony. ★ Brilliant dark ruby-red. 1 ft.

LIATRIS (Blazing Star; Gayfeather). These showy North American natives all have grassy leaves and extremely bold spikes of flowers.

Pycnostachya. A most attractive perennial with long spikes of rich purple flowers. 4 ft. Sept.

Scariosa alba. A splendid new variety with very heavy spikes of snow-white flowers produced in September. A grand border plant for this time of year. 5 ft.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

Scariosa, September Glory. A new introduction and a veritable giant, growing up to 7 feet high. The gigantic flower-spikes are a rich purple from top to bottom, and in late September make a marvelous display.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

LINUM flavum. A compact plant with rich yellow flowers. Of comparatively easy culture, 15 to 18 in. Blooms all summer.

Perenne (Flax). Old-fashioned border plant, absolutely indispensable. The foliage is light and graceful, and its bright blue flowers rest on the plant like blue butterflies. Myriads of blooms are produced incessantly from June until the autumn.

LUPINUS polyphyllus (Lupine). Extremely handsome perennial with beautiful palmate foliage and long spikes of brilliantly colored pea-shaped flowers in June and July. They like partly shaded, well-drained spots with soil that is not too rich and free from lime. They hate to be moved.

Blue Shades

Rose Shades

Red Shades

Mixed Shades

Pure White

Russell Lupines. The much-publicized hybrid Lupines from England. These wonderful plants bear tremendous spikes in colors and combinations never seen before, the fruit of years of careful work. 3 to 5 ft. June, July. 55 cts. each, \$1.50 for 3, \$5.50 per doz.

LYCHNIS (Rose Campion; Catchfly). A handsome plant of easy culture in any garden soil. They like a sunny situation and are excellent for beds or perennial borders.

Chalcedonica. A striking plant. Heads of vivid scarlet flowers in June and July. 3 to 4 ft.

Viscaria splendens fl.-pl. ★ A wonderful plant making a tuft of grassy foliage from which arise stiff stems, smothered with large, double, and extremely beautiful rose-pink flowers in great profusion. 15 in.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

MYOSOTIS palustris semperflorens (Forget-me-not). ★ It is of creeping habit and flowers from June until September. The florets are of a beautiful clear pale blue with small yellow eyes. 6 in.



Lychnis Viscaria splendens fl.-pl.

ŒNOTHERA (Evening Primrose). ★ Striking plants for sunny location.

Glaucia Fraseri. Golden yellow cups in July and August. 1 to 1½ ft.

Illumination. Novelty. Long salmon-pink buds and golden yellow 1½-inch flowers. Hundreds of flowers from June to fall. 1½ to 2 ft.

55 cts. each, \$1.50 for 3, \$5.50 per doz.

PEONIES. They require a deep rich soil and should be planted so that the eyes are about 2 inches beneath the surface. To each root we recommend a 4-inch pot of bonemeal at planting-time, which should be well mixed in the soil about the roots. If planted in the fall, we recommend also a blanket of manure or Mulch-o-Nure the first winter. Our plants are all 2 or more years old. They will not throw much bloom the first season, but should be established by the following year.

White Shades, Double.

Baroness Schroeder. Very large, tinted with delicate light pink; fragrant.

\$2.00 each, \$22.00 per doz.

Festiva maxima. Large flowers with feathered petals and crimson flecks in the center.

\$1.50 each, \$16.50 per doz.

Kelway's Gloriosa. Highly rated (9.8) by the American Peony Association. Very full gleaming flowers of enormous size; sweetly scented.

\$3.50 each, \$38.50 per doz.

Solange. Broad, rounded petals suffused with a reddish gold light. A very strong grower, flowering in late midseason.

\$2.50 each, \$27.50 per doz.

Pink Shades, Double.

Katherine Havemeyer. Large, fully double flowers of apple-blossom-pink; sweetly fragrant. Very early.

\$2.50 each, \$27.50 per doz.

Mme. Ducel. Sparkling pink with silver tones. True globe-shaped flower on a strong-growing plant. Midseason.

\$2.00 each, \$22.00 per doz.

Red Shades, Double.

Felix Crousse. Brilliant red flowers, large, compact, and globular.

\$2.00 each, \$22.00 per doz.

Karl Rosenfield. Very fine rich blood-crimson flower. Strong grower. Free flowering; early.

\$2.00 each, \$22.00 per doz.

Yellow Shades, Double.

Primevere. Sulphur-yellow center and creamy guard petals. Midseason.

\$3.50 each, \$38.50 per doz.

PACHYSANDRA terminalis (Oriental Spurge). Fine ground cover for shade or semi-shade. Its bright glossy green foliage is invaluable for bordering walks and drives. It is often used with success under trees where nothing else will grow. For quick results, plant 9 inches apart. Height 6 to 9 in.

2-yr. field-plants, \$2.50 per doz., \$15.00 per 100.

PENTSTEMON Digitalis (Beard-Tongue). Spikes of white flowers with delicate mauve shadings, produced in great profusion in June and July. 4 to 5 ft.

3 for \$1.50, \$5.50 per doz.

PHLOX subulata (Ground Pink; Flowering Moss; Moss Pink; Mountain Pink). ★ These well-known plants, with pretty moss-like evergreen foliage, are most suitable for clothing banks, and for all situations in the rock garden. All are May-flowering. 3 to 6 in.

G. F. Wilson. Mauve. **Rosea.** Rose-pink.

Lilacea. Lilac. **Rubra.** Crimson.

PHLOX decussata (Hardy Garden Phlox).

These beautiful plants are the mainstay of the garden in July and August. There are hundreds of varieties available today; the selection here includes the finest, and none choicer are obtainable.

A. L. Schlageter. Scarlet-red. Midseason and very good. 2½ ft.

Catherine. Soft lavender, with no trace of magenta. Absolutely the best in its color range. A gem! Midseason. 2½ to 3 ft.

Chesapeake. Patent applied for. Grows only

15 inches high, bearing large heads of flowers,

tyrian rose in color, with a silvery white reverse.

Florets are 1½ inches across, and long lasting.

Compact, dark green plants, especially valuable in midsummer. Fine in the rock-garden.

75 cts. each, \$2.15 for 3, \$8.25 per doz.

Phlox decussata, continued

Daily Sketch. Salmon-pink; large flowers. Midseason. 2½ ft.

Eva Foerster. Salmon-pink, with light eye. Extremely large florets. A top-notch variety. Late. 2 ft.

Flash. Cherry-carmine. Very striking and distinct. Midseason. 2 ft.

Mary Louise. The best white Phlox today.

Absolutely perfect in every way. Late. 2½ ft.

Orange Beauty. Vivid orange-red. Late. 2½ ft.

Prime Minister. White with red eye. Mid-season. 2 ft.

Any of above except where noted, 55 cts. each, \$1.50 for 3, \$5.50 per doz.

PHLOX suffruticosa, Miss Lingard. Flowers in June and continues on through summer. Large; white. 2½ ft.

PHLOX divaricata Laphami. ★ Trusses of large, fragrant, lavender-blue blooms in May. 9 in.

ORIENTAL POPPIES (*Papaver orientale*). These handsome large-flowered Poppies have few rivals among hardy plants. Their striking foliage and glowing flowers make them most effective for grouping with other perennials where a vivid splash of color is required in June and July. We offer pot-grown plants which can be moved at any time; these are grown from cuttings, not seedlings.

Beauty of Livermore. Flowers of rich crimson-maroon, 9 inches in diameter. 3 to 3½ ft.

Cerise Bedder. Rich sparkling cerise flowers 4 to 6 inches across with two rows of petals. Fine for cutting.

Grand Mogul. Crimson-scarlet flowers, 4 to 6 inches in diameter. 2½ ft.

Little Shrimp. A miniature variety. Small, pale pink flowers in profusion. Good for rock-gardens. 1 ft.

Perry's White. Immense flowers of a pure satiny white with a crimson-maroon blush at the base of the petals. 3 ft.

Pink Cloud. Delicate pink.

Pink Lassie. Pale pink; large flowers.

Purity. Soft shell-pink, with no spots or markings. Very fine.

Seashell. Light pink blooms of delicate texture.

All above Oriental Poppies, 65 cts. each, \$1.90 for 3, \$7.25 per doz.

PHYSOSTEGIA, Summer Snow. Novelty. Tall white. Midsummer until fall. Fine border plant.

75 cts. each, \$2.00 for 3.

PLATYCODON (Balloon Flower; Chinese Bell-flower). Fine hardy perennial, producing cup-shaped 2-inch flowers through summer and autumn.

Grandiflorum. Large steel-blue flowers. 1½ in.

Grandiflorum album. White with pale blue tinge. 2 to 2½ ft.

PRIMULA (Primrose). ★ For the rock and alpine garden, for the semi-shady garden, for brightening up woodland walks and dells.

PRIMULA elatior (Polyanthus), Mixed. The choice flowers are borne in clusters on stout stems. All colors and shades. 6 to 9 in.

Japonica, S. & W. Strain. Candelabra habit, very vigorous in growth. Handsome crinkly foliage and tall spikes of flowers in whorls. White, pink, copper-red and crimson, mixed. 2 ft. June, July.

Officinalis. The real old English Cowslip in a mixture of colors. Delightful. 1 ft. May.

Wanda. A mat-forming Primula with dark green foliage and a profusion of rich purple flowers with golden eyes, on 3-inch stems, 4 in. May.

All Primulas, 55 cts. each, \$1.50 for 3, \$5.50 per doz.

PYRETHRUM (Painted Lady). Grand border plants of the Daisy family. They all flower in June and July. 2 to 2½ ft.

Single, Mixed. Reds, whites, and pinks, all with yellow centers. Very vigorous.

PRICES, unless otherwise noted, \$1.30 for 3, \$5.00 per doz. Purchaser pays transportation beyond 50 miles of New York

★ Dwarf plants for the Rock-Garden and edging the Perennial Border

RUDBECKIA (Coneflower). Bright border plants of easy culture in any garden soil.

Golden Glow. Rich double yellow flowers, good for cutting. 5 to 6 ft. Aug.

Purpurea. A striking flower of purple color with a brown cone-shaped center. 3 to 4 ft. July-Oct.

The King. Deep crimson flowers. 3 ft. July-Oct. 55 cts. each, \$1.50 for 3, \$5.50 per doz.

SEDUM (Stonecrop). This plant was the backbone of the early rock gardens, and no rock garden today is complete without some of the species mentioned here.

Acre. ★ Green foliage. Bright yellow flowers. 3 in. June.

Balticum. ★ 3 in. June.

Dasyphyllum. ★ Rose. 3 in. June.

Lydium. ★ Pink. 2 in. June.

Middendorffianum. ★ Excellent matting variety, 4 inches high, with yellow flowers. Beautiful reddish purple foliage in autumn.

Nevi. ★ Blue-gray rosettes. 4 in. July.

Sieboldi. ★ Rose-pink. 9 in. Aug.

SEMPERVIVUM (Houseleek; Live Forever). ★ Evergreen succulents resembling Sedums. The leaves are often brightly colored at the base.

Arachnoideum (Cobweb Houseleek). A beautiful plant. The round masses of leaves are always covered with a white cobwebby substance, giving it a most unusual effect. 2 in.

Globiferum. Grass-green rosettes tinged with red. Yellow flowers in August. 3 to 4 in.

Mixed Seedlings. Shapes and sizes of every description. A choice selection. 3 to 4 in.

SPRÆA (Goat's Beard; Meadow-sweet). Suitable for borders, damp situations, and water plantings. June.

Filipendula alba. Finely cut foliage. Creamy white flowers. 2 ft.

Davidi. A vigorous variety, growing 3 feet high, with delicate pale pink flowers in July and August.

Palmeta elegans. A light pink. 3 ft.

Ulmaria fl.-pl. Well-known double Meadow-sweet, with a profusion of creamy white flowers. 3 ft.

STOKESIA lilacea grandiflora (Stokes' Aster). A marvelous plant with a compact growth of basal leaves, from which arise the flowers on stems 18 to 20 inches long. These are often 5 inches across, and are of a silvery blue color with a lilac suffusion at the center. 55 cts. each, \$1.50 for 3, \$5.50 per doz.

SWEET WILLIAM. These brilliantly colored old-fashioned garden plants are as indispensable today as they were 100 years ago. Each plant will give a wealth of bloom in June.

Auricula-eyed. These are chiefly reds and pinks, but all have a pronounced white eye. 1½ ft.

Pink Beauty. A sparkling crushed strawberry-pink.

Scarlet Beauty. A vivid scarlet. Very choice and effective. 1½ ft.

THALICTRUM (Meadow-Rue). Extremely graceful foliage not unlike a maidenhair fern, and dainty flowers in profusion.

Aquilegialifolium. As its name implies, it has foliage like a columbine, with rich purple-mauve flowers. 3 ft. June.

Glaucum. This we recommend especially, as it has blue-green foliage, finely divided, and heads of sulphur-yellow, fluffy flowers. 4 ft. July.

THYMS. When planted at the crevices of walkways, they give off a fragrant aroma when walked on, and are a sheet of blossoms in June and July.

Lanuginosus. Mauve flowers and gray, woolly leaves. 2 in. June.

Serpullum. The wild Mountain Thyme of creeping habit, with rosy purple flowers. 2 in. June.

Serpullum albus. Decidedly miniature foliage of light bright green with pure white flowers. 1 in. June.

Serpullum coccineum. Very dark reddish green foliage, making a perfect mat like the above, but with brilliant crimson flowers. 1 to 2 in. June.

PRICES, unless otherwise noted, \$1.30 for 3, \$5.00 per doz. Purchaser pays transportation beyond 50 miles of New York

★Dwarf plants for the Rock Garden and edging the Perennial Border

THERMOPSIS caroliniana. A plant that has been grown for the last 130 years, and yet is not too well known today. It grows 5 feet high, with large, yellow, pea-shaped flowers in July.

VERONICA (Speedwell). Charming plants, natives of Europe and America. Free flowering, and they can be used in the rock garden and border.

Incana nana. ★ A compact plant with beautiful silvery foliage and spikes of brilliant blue flowers. 6 to 9 in. July, Aug.

Incana rosea. Similar, with pink flowers.

Longifolia subsessilis. Very heavy long spikes of deepest blue. Perfect border plant. 2 to 3 ft. July.

VINCA (Periwinkle; Old Maid; Myrtle). ★ Grand ground covers for shade.

Minor. Delicate blue flowers with glossy green foliage.

Minor alba. White flowers; dark foliage.

Minor, Bowles Variety. A greatly improved form. Always in bloom, the flowers being very large and clear blue.

Above Vincas, 50 cts. each, 3 for \$1.40,
\$5.25 per doz.

VIOLA odorata (Sweet Violet). The Violets listed below are among the best and most distinct. All are splendid for cutting. The double Violets should be afforded some protection in winter.

Frey's Fragrant. A single Violet with flowers $\frac{1}{2}$ to $\frac{3}{4}$ inch in diameter, on 6 to 9-inch stems. Rich deep purple. Very prolific in April and flowering again in the fall.

Rosina. Single, very fragrant flowers of dark rose-pink.

Snow Queen. Own introduction. Dozens of large white Violets on long stems. Spring flowering.

Above violets, \$1.30 for 3, \$5.00 per doz.

HERBS

CATNIP. *Nepeta Cataria.* Shoots used for seasoning and tea. 3 ft.

CHIVES. *Allium Schœnoprassum.* Mild onion flavor. 10 in.

COSTMARY (Alecost). *Cbrysanthemum Balsamita.* For scenting linen. Beer was flavored with it, and a tea made from the dried leaves. 2½ ft.

LAVENDER-COTTON. *Santolina incana.* Aromatic edging plant. Green or gray foliage plants. 1½ ft.

MARJORAM, Pot. *Origanum vulgare.* Leaves used in salads; potpourri ingredient. Valuable edging plant. 20 in.

MINTS

ANISE MINT. *Mentha viridis anisatus.* The aroma of anise combined with mint. For salads and cold drinks. 2 ft.

CREEPING MINT. *M. Requieni.* Miniature variety. 8 in.

CURLY MINT. *M. crispa.* Sweet, pungent scent. Quaint, curly leaves.

LEMON MINT (Bergamot Mint). *M. citrata.* Unusual "lemony" scent. For flavoring.

PEPPERMINT. *M. piperita.* True English. An essence is distilled and a medicinal tea is infused from Mint. 3 ft.

WOOLLY MINT. *M. tomentosa.* Large, gray, woolly aromatic leaves.

SPEARMINT. *M. viridis.* The common garden Mint. For Mint sauce, julep, jelly, etc. 2 ft.

ENGLISH PENNYROYAL. *M. Pulegium.* Aromatic medicinal herb. Valuable in the kitchen for seasoning. 1 ft.

ROSEMARY. *Rosmarinus officinalis.* For seasoning; dried leaves may be added to potpourri. They repel moths. 4 ft.

SAGE, Common. *Salvia officinalis.* Dried leaves are employed for stuffings and sauces. Essential oil used in perfumery. 15 in.

CITRON or LEMON THYME. *Thymus citriodorus.* Scented carpeting plant. A few leaves in tea will enhance the aroma. 10 in.

COMMON THYME (English Thyme). *L. vulgaris.* Broad leaves. For seasoning foods, including salads and wine. Excellent edging plant. 8 in.

TARRAGON (Estragon). *A. Dracunculus.* For salads and vinegar. Essential oil used in perfumery. 55 cts. each, \$1.50 for 3, \$5.50 per doz.

COMMON WORMWOOD (Wermuth). *Artemisia Absinthium.* Wormwood tea is a vermifuge. Used to flavor absinthe. 18 in.

FRINGED WORMWOOD. *A. frigida.* For flavoring and perfumery. 1½ ft.

OLD MAN (Southernwood; Lad's Love). *A. Abrotanum.* Keeps moths from clothing; sprinkled on the stove, will dispel kitchen odors. 3 to 4 ft.

OLD WOMAN (Beach Wormwood, Dusty Miller). *A. Stelleriana.* Gray edging plant. 2 ft.

STRAWBERRIES

EARLY

Fairfax. Berry of exceptional firmness and high dessert quality. A prolific bearer.

Potted Plants, \$2.50 per doz., \$15.00 per 100

MIDSEASON AND LATE

Big Joe. Very productive, with extremely large berries. In size, firmness, yield, color, and quality, it leads. Midseason.

Catskill. Plants are large and healthy. Fruit extremely large, well colored. Midseason.

Potted plants, \$2.50 per doz., \$15.00 per 100

EVERBEARING VARIETIES

Mastodon. Fruit is very large and produces berries from summer to late fall.

Progressive. Produces fruit all season. Berries of medium size and full flavored.

Potted Plants, \$2.75 per doz., \$17.50 per 100

ASPARAGUS ROOTS

A plot 6 ft. wide and 50 ft. long will be sufficient to plant 100 roots.

Dig a trench 1½ ft. deep and 1 ft. wide, and dig into the bottom about 4 ins. of well-rotted manure, or 100 lbs. of Humus and 10 lbs. of General Garden Fertilizer to each 50 ft. of row. On this put 5 ins. of good soil, and then lay the roots in, about 18 ins. apart. Cover to within 4 ins. of the top of the trench and as the plants grow, gradually fill the trench to the surface. Between the rows allow 18 ins.

Paradise. Stalks very large. Flavor good. Large, 2-yr. roots, \$9.00 per 100, \$80.00 per 1000.

Mary Washington. Rust-resistant, vigorous. Extra-choice 2-yr. crowns, \$7.50 per 100, \$65.00 per 1000.

Selected 3-yr. crowns for forcing, \$10.00 per 100, \$87.50 per 1000.

RHUBARB ROOTS

Plant 3 ft. apart in well-manured ground. Mulch with manure or Mulch-o-Nure after ground freezes.

Victoria. A reliable and productive variety.

Strong Roots, 40 cts. each, \$4.25 per doz., \$30.00 per 100.

MacDonald. Originated in Canada and hardy even in Alaska. Thick, sturdy stems are deep crimson. Tender and delicious.

Divisions, 60 cts. each, \$6.50 per doz., \$50.00 per 100.

HORSERADISH CUTTINGS

Mature roots are grated to furnish the familiar sauce served with meat, oysters and fish. Plant in rich soil with the top of the cutting 2 inches under ground.

50 cts. per doz., \$3.00 per 100



EPICURES' FOOD MART

TEAS

Would you have real tea? A brew to summon up your blood and stiffen your sinews? First heat the pot with boiling water. Empty the pot and throw in one teaspoonful good fresh tea for each teacup.

Assam. Rich and stout; colors up a strong red in the cup. Lb. \$2.00.

Jasmine. Flowery China Tea. ½lb. \$2.15.

Darjeeling. Perfect rich flavor. From the high Himalayas. Lb. \$2.00.

Choice Ceylon. Lush. Yields color, flavor and body at the instant of infusion. Smooth. ½lb. \$1.30.

Earl Grey. The Jacksons of London Earl Grey Tea. ½lb. \$2.25.

Pour on fresh boiling water and let steep for four minutes. Stir before serving. If time is to elapse between servings, pour off tea into another heated pot.

Lapsang Souchong. The smoky-flavored Tea that only China produces. ½lb. \$1.65.

Fancy India. Blend of the pick of the import from India. Fine aroma and body. Lb. \$2.00.

SOUPS

There are people who prepare food and there are cooks. And one sip of their soup puts each in his proper place. These soups were fashioned by cooks wise in their craft and sure of touch from recipes

		3 for	Per doz.
Turkey Noodle	10 ozs.	\$1.00	\$3.50
Smoked Turkey Split Pea Soup	10½ ozs.	1.15	4.25
Singapore Mulligatawny with Sherry Wine	19 ozs.	1.40	5.10

	Black Bean Soup with Sherry Wine	3 for	Per doz.
Lobster Bisque	19 ozs.	\$1.35	\$5.00
Oyster	10 ozs.	1.75	6.65
	10 ozs.	1.00	3.50

	Consonme Madrilene.	A fine Beef soup, with an entrancing flavor.	3 for	Per doz.
Shrimp Okra Gumbo	14 ozs.	\$0.90	\$3.40	
	10 ozs.	1.15	4.25	

HORS D'OEUVRES SPECIALTIES

It's love at first taste or not at all with a dinner, as any good hostess knows. These hors d'oeuvres are delicately pungent, distinctive without being alarming, and as enticing as a barrel organ in the next

	Each	3 for	
Don Carlos, Anchovy Strips.	Delicious on fingers of toast with cocktails.	2 oz. tin	\$0.35 \$1.00
Anchovy Paste.	Imported. Made only from imported Anchovies with a little salt added.	2¾ oz. jar	35 1.00
Finnan Haddie Paste	3 ozs.	30	85
Chicken Almond Paste	3½ ozs.	45	1.35
Crab Paste	3½ ozs.	45	1.35
Lobster Paste.	For delicious hors-d'oeuvres.	3½ ozs.	30 85
Smoked Turkey Spread	6 ozs.	95	2.75
Swiss Gruyere Type Cheese Spread	6 ozs.	50	1.40

	Each	3 for	
Sharp Cheese Spread	6 ozs.	\$0.40	\$1.15
Roquefort Cheese Spread	6 ozs.	55	1.60
Smoked Turkey Sausage.	Delectable smoked Turkey meat in the form of little sausages.	3½ ozs.	75 2.15
Spanish Boneless Sardines	Packed in pure olive oil.	3¾ oz. tin	50 1.40
Norwegian Sardines.	This flavorful Sardine is again available, packed in oil.	3¾ oz. tin	40 1.15
Portuguese Sardines.	Skinless and boneless.	3¾ ozs.	50 1.40

	Crab Meat.	Choice lumps of white meat, perfect for cocktails and salads.	3 for	Per doz.
Jumbo Shrimp (Louisiana).	Again this choice item is back.	Jumbo size.	5½ oz. tin	\$0.85 \$2.50
Cocktail Franks.	Tiny sausages made of pure ingredients and most flavorful.	33 pieces in 6 oz. jar	85 2.50	
Smoked Oysters.	The old favorite among gourmets.	3½ ozs.	75 2.15	
			85 2.50	

FISH & FOWL

There are plenty of fish in the sea—as well as fowl on the farm—but only the finest and most delectable of them were selected for these preparations. And if you're given to spontaneous entertaining,

	Each	3 for	
Lobster a la Newburg.	A delightful supper and luncheon dish in rich sherry sauce.	13 oz. tin	\$1.15 \$3.35
Shagroy Farm, Fresh Turkey Slices	6 ozs.	90	2.60
Shagroy Farm, Smoked Turkey Slices	6 ozs.	1.50	4.35
Smoked Shad	14 ozs.	70	2.00

	Each	3 for	
Shad Roe.	Two perfect Roes in their own broth.	7½ oz. tin	\$1.10 \$3.20
Whole Ox Tongue.	One whole Ox Tongue ready for eating. Fine for sandwiches, etc.	1 lb.	1.75 5.10

	good generalship demands that you prepare your strategy well. In other words, fill your emergency shelf from this list.	Each	3 for	
Salmon.	Fancy. Columbia River Salmon Steaks. 1 solid piece in oval tins	15 oz. tin	\$1.15 \$3.35	
Lobster Meat	6 ozs.	90	2.60	
Mushroom Bordelaise.	Spiced Mushrooms to heat and serve with steak or omelet	7 ozs.	50 1.45	



For Gracious Living, Entertaining and Gifts

SAUCES & RELISHES

A good sauce should be awaited with concealed eagerness, tasted delicately, then savored by smacking the lips (a custom eminently approved by the French and others who appreciate fine culinary

efforts). With sauces like these the result is nothing less than emotion recollected in tranquillity.

East Indian Curry Sauce.	A concentrated sauce ready for the many curried dishes so popular today.	Each 10 ozs.	3 for \$0.65	\$1.90
"Major Grey's" Chutney	J. Khambatta's Imported.	17 ozs.	1.75	5.10
Crosse & Blackwell Gold Label Mustards, French Type.	Made from an old Dijon formula. Three flavors: Sharp, Tarragon, Tomato.	8 ozs.	70	2.00
Mushroom Sauce.	Excellent with steaks, chops and roasts.	6 ozs.	35	1.00
Barbecue Sauce.	Good and zippy, with plenty of rich flavor.	6 ozs.	35	1.00

Oyster Sauce.	Serve it with all meat and fish dishes. Make Oyster Soup with it.	Each 12 ozs.	3 for \$1.25	\$3.65
Pimento Relish.	12 ozs.	35	1.00	
Green Tomato Relish.	10 ozs.	30	85	
"Perry mead" Old California Salad Dressing.	French dressing aux fine herbs.	8 ozs.	1.20	3.50
Picalilli Relish.	Old-time English style mustard pickle mixture.	15 ozs.	30	85
Chow Chow Sour.	Collection of garden-fresh vegetables, all specially prepared in mustard sauce.	12 ozs.	35	1.00

Dixie Dame Pickles				
Dixie Dame	home-prepared delicacies are unusual. Especially attractive on the cocktail tray.			
Porcupines.	Sweet gherkins stuffed with relish and held together with toothpicks.	8 ozs.	3 for \$0.95	2.75
Midget Dills.	Small pickled gherkins, dill-flavored.	8 ozs.	75	2.15
Red Buds.	Pickled burr gherkins, cherry-stuffed.	8 ozs.	95	2.75
Moonstones.	Onion-stuffed gherkins. Sweet-sour.	8 ozs.	95	2.75
Sour Gherkins.	8 ozs.	45	1.30	
Sweet Mixed.	8 ozs.	35	1.00	

DELICACIES & SWEETS

All's well that ends well—and a feast should end with a flourish. Rich black coffee, a sweet wine, and these dainties are worthy of the most memorable events. But beware of the guest who tastes them.

Allen's Toffee.	(Famous in England since 1860.)	Each 28 ozs.	3 for \$1.25	\$3.65
Almond Roca.	America's finest confection. Smooth milk-chocolate coats the almond-filled centers and toasted almonds top every piece. Gold-foil wrapped and vacuum-packed in decorated tin.	1.75	5.00	
Della Robia Mints.	38 pieces, beautifully tinted in every pound box.	1.25	3.65	
10 oz. Round Transparent Gift Package.		1.00	2.90	
French Sherry Pralines.	A favorite candy at the court of Empress Eugenie.	1.25	3.65	
Crepe Suzettes.	Real French Suzette of finest ingredients rum-soaked; heat and serve.	1.60	4.65	
Jewel Bradt's Mince Meat.	2 lbs.	2.75		
Neseiro.	A fine dessert sauce rich in nuts and fruits.	10 ozs.	75	2.15

Our Food Gift Parcels are designed to supplement the short rations of the unfortunate people abroad. Therefore careful attention has been given to the caloric contents of each package. Write for our complete folder. Prices shown include packing, postage and insurance.

Wallace's Chocolate Wafer Thin Mints.	Delightful square mints packed in individual glassine bags.	Each 11 ozs.	3 for \$1.00	\$2.90
Scotch Oat Cakes.	Imported.	8 ozs.	40	1.15
Scotch Short Bread.	Imported.	8 ozs.	40	1.15
Raspberry Syrup.	Lb.	60	1.75	
Purple Loosestrife Honey (Dark)	Lb.	60	1.75	
Pure Vermont Clover Honey (light).	Lb.	50	1.45	
Tulip Tree Honey (dark.)	Lb.	60	1.75	
Dandelion Honey (light.)	Lb.	60	1.75	
Butterscotch Fudge.	15 ozs.	45	1.30	
Melba Sauce.	Made from raspberries; pure. Ideal for topping puddings, ice cream, etc.	8 ozs.	75	2.15
Crystallized Ginger.	Favorite confection. Processed in Hong Kong.	2.00		
Ginger-Sherry Sauce.	Rare dessert topping. Processed in the U. S.	1.00	2.90	

Guernsey House Marmalades	made of pure fruits and sugar. Available in popular small size. No commercial pectin used. Attractively packed in decorative 11½-oz. jar. Makes an ideal gift.	Each 3 for \$0.70	\$2.00
Orange		85	2.45
Bitter Orange		70	2.00
Grapefruit		70	2.00
Orange and Cherry		70	2.00
Peppermint Scotch Ice Cream Sauce	½ pt.	1.00	2.90
Black Horse Special Ice Cream Sauce	½ pt.	1.00	2.90
Raspberry Ice Cream Sauce	½ pt.	1.00	2.90
Very Saucy Set.	Attractively packed set of 5 dessert toppings in ½ pints. Peppermint Scotch, Black Horse Special, Raspberry, Rum Sauce, and Branded Cherry Sauce.	Per Set	3.75

DANISH FOOD PARCELS

Package No. 520

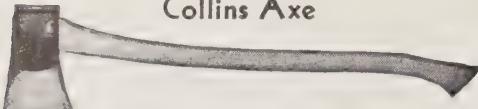
1 lb. 14 ozs. Lard	2 lbs. 3 ozs. Coffee
2 lbs. 3 ozs. Smoked Bacon	4 lbs. 6 ozs. Flour
2 lbs. 3 ozs. Sugar	
To all Countries \$10.50	
Except Russia and Roumania	

Package No. 521

14 ozs. Dairy Butter	12 ozs. Thick Cream
1 lb. 14 ozs. Stewed Steak	1.1 lbs. Cheese
1 lb. 14 ozs. Ham & Bacon	
To all Countries \$9.75	
Except Russia and Roumania	

GARDEN SUPPLIES TO LIGHTEN YOUR TASKS

Collins Axe



Full ground, full polished, made of fine quality hardened steel. Will stand up under hard usage. Handle 32 inch. Weight 3½ lbs. Head 8 in. long, 3¼ in. wide. \$3.00.

Cement Cabin Wren House

Will last a long time. Made of steel-reinforced concrete, rustic finish. 6¾ in. wide, 6 in. high. Furnished with steel loop for easy hanging. Bottom removable for easy cleaning. \$5.00.



Cement Log Wren House



Beautifully shaped into a log with perch. Made of steel-reinforced concrete. Will last indefinitely. 6 in. diameter, 6½ in. high. Furnished with steel loop for easy hanging. Bottom removable for easy cleaning. \$5.00.

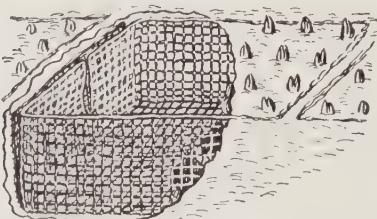
Maytex Fibre Broom

A rugged outdoor Broom for stables, garages, machine shops, and where heavy sweeping is desired.



Made of palmetto fibre. Width at bottom 12 inches. Height to handle 14 in. \$2.50.

Bulb Cage



Flat piece of scored galvanized $\frac{5}{16}$ -in. mesh wire that folds up into a basket 18 in. square by 8 in. deep. Sufficient for a planting of 10 tulip bulbs or any fall bulbs of similar size. Protects them against the ravages of moles and field mice. 45 cts. each, \$4.50 per doz.

BURLAP

For protecting plants, shrubs, etc. 8 oz. material, approximately 100 yards to the bolt, natural color.

	Yds.
40 in. wide.....	\$0 28
48 in. wide.....	33
60 in. wide.....	42
72 in. wide.....	55

For less than bolt lots, add 5 cts. per yard to the above prices.

Sawco Magnesium Lawn Barrow



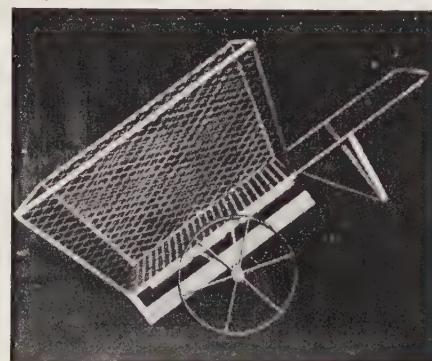
The new, light-weight, sturdily built, perfectly balanced, easy to move Barrow. Weighs only 14 lbs., made of magnesium. Barrow measures 26½ in. x 32 in.; overall length 50 in. Painted French gray, understructure bright blue. 1½ in. diameter extruded magnesium tubing handles. Semi-pneumatic tire 2.75 x 10, on roller bearings. Amazingly light and easy to handle. \$29.95.

Sawco Garden Cart



A light, sturdy Cart for the lady or junior gardener. All steel. Wheel is 12 inches in diameter; hard rubber tire. Length, 5 feet; 17½ inches wide at handles. Strong one-bushel oak splint basket. \$8.50.

Sawco Rack Cart



All metal, all welded, finely balanced Cart for club grounds, private estates, parks and beaches, hotel and school grounds. Ideal for collecting and burning leaves, waste paper, grass and weed cuttings. Saves time and labor. Length overall 6 ft., capacity 18 cubic feet. Wheels 2½ in. tread, 20 in. diameter. Height 3 ft. 4 in. from ground to hopper. Rack 4 ft. long 3 ft. wide at top, 3 ft. long by 2 ft. wide at bottom, 2 ft. deep. Weight 95 lbs. \$69.50.

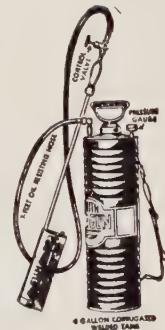
Wire Leaf Rack



A practical device for transporting leaves, cut grass, and litter. Can be attached to any wheelbarrow having removable sides. Made of galvanized wire bolted to a wooden base. Capacity 10 bus. Wheelbarrow and Rack complete, \$28.50. Rack only, \$12.00.

Sawco Flame Gun

For burning weeds, disinfecting poultry houses, thawing frozen pipes, melting ice and snow, splitting large rocks and boulders, burning tree stumps, sterilizing infected soil, destroying weeds in stone walls, driveways, tennis courts, destroying insect pests such as grasshoppers, locusts, caterpillars, chinch-bugs, etc. \$22.95.



Bulb Planter



The tapered cup removes soil and makes a perfect planting-hole in one operation. 75 cts. each.

Dibbles or Dibbers



Just the tool for transplanting tomatoes, cabbage, celery, etc.

Steel Point, Wood Handle. Regular size, 9¾ in., \$1.50.

Dust Respirator

Approved by the Bureau of Mines for use in conjunction with all types of dusts and sprays including Arsenate of Lead. \$3.00.

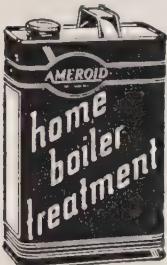


Perfect Fruit Picker

Made of steel wire, painted green. Prevents bruising of fruit. Can be attached to any pole. 75 cts. Poles extra. 10 ft., \$1.75; 16 ft., \$4.00.

GARDENING IS MORE FUN with these TIME SAVING TOOLS

Ameroid Home Boiler Treatment



A liquid easy to use to make your home boiler give you more heat and save fuel. For steam or hot water system. Rusty, oily or dirty water in your boiler does not permit it to function properly. Do away with these conditions and use Ameroid. Quart can is sufficient for the average home up to 10 rooms, approximately 500 sq. ft. radiator surface. Qt. \$1.00.

Chimney Sweep

The modern soot destroyer. Cleans chimneys, furnaces and flues. Simply spread powder over fire where wood or coal is burned and use liquid in oil burners. It penetrates and quickly disperses soot. Non-inflammable; non-explosive. Its regular use will prevent chimney fires. POWDER for wood and coal-burning furnaces, 48-oz. can \$1.00; 6-lb. can \$1.89. LIQUID for oil burners, pt. \$1.29; qt. \$2.29; $\frac{1}{2}$ gal. \$4.29.



Kay-Tite

A masonry waterproof paint for cellar walls and floors, retaining walls, cement blocks, swimming pools, etc. Merely apply with a wide brush. In powder form; simply mix with water. Gray or white finish. 10-lb. can (covers 100 to 150 sq. ft.) \$2.90. Brush \$1.00.



Air-Wick

Kills odors in the kitchen, bathroom, clothes-closets, bedroom, sickroom and living-room. Brings country freshness to every room in your house at only a cost of one cent per day. 6-oz. bottle 69 cts., $1\frac{1}{2}$ ozs. (economy size) \$1.49.

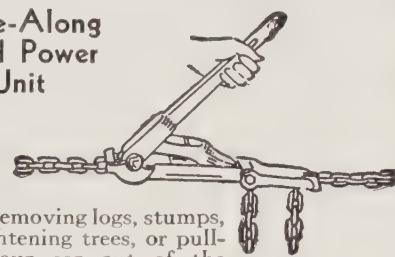


Hylite Water Putty

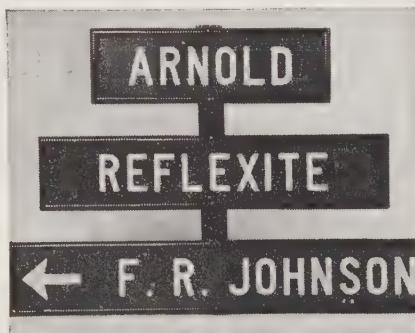
For handy repair jobs around the home. A powder made from wood. Simply add water. Repairs wood, plaster, cement, tile, stone, fibreboard and composition. It can be sawed, nailed, painted, polished, colored and molded. Will not shrink. Sticks where it is put. Dries hard. Use it for cracks and holes in furniture. Set loose handles. Loose screw holes. Set tile. Cracks behind baseboards. Repair boats and mold novelties. Lb. 40 cts., 5 lbs. \$1.85, 50 lbs. \$12.50.



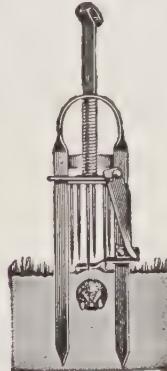
Come-Along Hand Power Unit



For removing logs, stumps, straightening trees, or pulling your car out of the ditch. Equipped with 5 feet of $\frac{3}{8}$ -inch strong chain. Tested to 6000 pounds. Length of travel 47 inches. Weight 18 pounds. \$14.50.



Reflexite Sign. The latest development in a brilliant retro-reflective Letter Sign for home and lawn. Made of optical plastic unbreakable, permanent. Weather-resistant; cannot crack, wear or peel. Sturdy all-metal frames and stakes. Stake 30 in. long. Colors: Silver on jet black, silver on forest green or amber on jet black.
Style A. 12-in. sign (up to and including 8 spaces). \$6.00.
Style B. 18-in. sign (up to and including 12 spaces). \$7.50.
Style C. 22-in. sign (up to and including 15 spaces). \$9.00.



Victor Mole Trap

A spear type which harpoons the mole, causing instant death. Six prongs. $16\frac{3}{4}$ in. extreme length. \$1.50.

Molefume. Sure death to moles. See page 44.

Havahart Animal Trap



Made of steel and screened wire. Very easy to set. Harmless to animals and humans. 7 x 7 x 24 in. (for Muskrats, Mink, Rats, Chipmunks, Weasels, Squirrels, Rabbits), \$4.50. 11 x 11 x 36 in. (for Woodchuck, Raccoon, Opossum, Cats), \$10.50.

Special Fox Trap with live bait compartment. \$20.00.

Tool Holder

Steel



Ideal for hanging tools in your garage or barn. Extends 13 in. out and width is 3 in. Notched for five tools. 90 cts.

Trowels



Forged Steel. This Trowel is second to the Stumpwall Trowel in quality and finish. The blade and shank are one piece, forged out of the best steel. 6-in., \$1.00.

Stumpwall. Best Trowel made. The ferrule and shank, as well as the blade, are forged in one piece; 6 inches long. \$1.50.

Transplanting. $1\frac{1}{4}$ x $6\frac{1}{4}$ -inch blade, forged. Offset shank. \$1.00.

Celery-bleaching Tubes



The Handler is placed around the celery plant, the Tube is slipped in place and the Handler removed.

Doz. 100 500
14 in. high. \$0.75 \$4.50 \$18.50

Handlers for use in placing tubes: Brass, \$3.00; Tin, \$1.00.

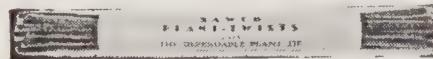
Twines, Tape and Raffia

Twine, Soft Jute. For tying vines, etc., without danger of bruising. Very strong; 3-ply. **Natural.** $\frac{1}{2}$ -lb. ball 40 cts., 3 balls \$1.10, 12 balls \$3.50. **Green.** $\frac{1}{2}$ -lb. ball 50 cts., 3 balls \$1.40, 12 balls \$5.00.

Tarred Yarn. Excellent, low-priced material for raspberries, shrubs, etc. Ball (1 lb.) 85 cts., 5 balls \$4.00.

Raffia, Natural. For tying plants. $\frac{1}{2}$ lb. 50 cts., lb. 90 cts., 5 lbs. \$4.00.

Dyed Green. $\frac{1}{2}$ lb. 90 cts., lb. \$1.75.



Plant-Twists. Dyed green. Non-injurious to plants. A simple twist of the hand and the plant will stand. 7 inches long, 15 cts. for 25; 50 cts. per 100. 12 inches long, 30 cts. for 25; \$1.00 per 100.

Plant Tubs

Made of $\frac{1}{2}$ -in. pine, painted green.	
Inside top diam.	Inside depth Each
12 in.	11 in. . \$2.50
14 in.	13 in. . 3.50
16 in.	15 in. . 4.00

STUMPP & WALTER for All Your Garden Needs

Sawco Garden Gloves



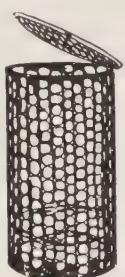
Velvety smooth ivory white leather with gauntlet. Ideal for gardening, motoring, and household tasks. Sizes 6, 7, and 8. \$2.00 per pair.

Horsehide Gloves. Very strong for heavy garden work and pruning. Sizes 10 and 11. \$2.50 per pair.

Sawco Stump Incinerator

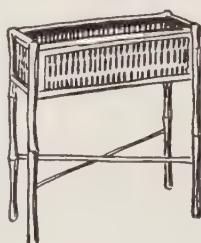


A well-made cement composition Incinerator for the home, country, or estate. Height 36 in., diameter 18 in. Strong steel grate. Side opening at bottom for draft and to easily remove ashes. Rustic bark finish. Approximate weight 200 lbs. \$23.50. Packing charge \$5.00 extra. Customer pays transportation.



Warren Church Incinerator.

Fabricated of high-quality steel $\frac{1}{8}$ in. thick. Seams are securely welded. Will outlast many ordinary Incinerators. Height 32 in.; diam. 18 in. Raised bottom. \$6.50.



Bamboo Fernery for House Plants. Attractive natural bamboo, ruggedly constructed. Tin pan, with rings for easy lifting. 28 in. long, 11 in. wide, $7\frac{1}{2}$ in. deep. 30 in. overall height. \$7.50. Packing \$1.00 extra. Customer pays transportation.

Sawco Window-Box



Self-irrigating metal Window-Box. Ideal for indoor plants; can also be used outdoors. Made of steel. Painted jade green with floral design. 23 in. long, 6 in. wide, 7 in. deep. \$3.50.

Watermat



Mats on which to stand flower pots. A compressed organic fibre takes up water by capillary action. Complete with

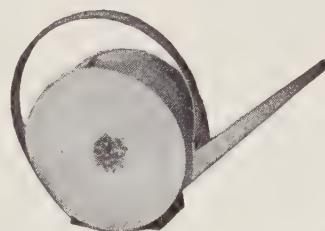
rustproof saucer. Small (fits 4- and 5-in. pots), 35 cts. Medium (fits 5- and 6-in. pots) 40 cts.

Bloomlife Cut-flower Food



Adds two to five days to delicate blossoms and doubles the life of most cut-flowers. No recutting of stems; no change of water. Ready to use; nothing to add. No smelly or sour water even with asters, daisies, zinnias, etc. Family size package (makes 26 qts.) \$1.00.

Light, Enameled Watering Can

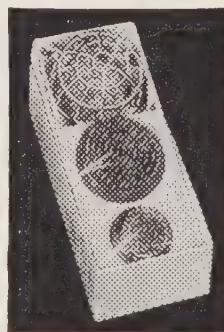


Ideal for watering indoor plants. Made of metal; enameled with flower design. Capacity, 2 qts. 15 in. wide, 9 in. high, spout 8 in. long. \$1.75.

Rubber Plant Sprays

Used for watering plants and washing the foliage.

Sawco. Straight-neck. 12-oz. \$1.50.



Flower Holder Set No. 3221

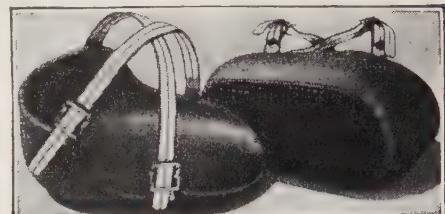
Guaranteed never to tip; made of non-corrosive metal. Contains 2 Pin-Type holders $1\frac{1}{2}$ in. and $2\frac{1}{4}$ in. in diameter and 1 Dome-Type holder $3\frac{1}{2}$ in. in diameter. Attractively displayed in gift box. \$1.75.

Coronet Flower Arranger



Made of solid copper with copper-riveted lead base. Can be bent or shaped to fit any receptacle. Each holder fitted with double row of spiral copper sheet holes, adjustable for any angle. One of the finest Flower Arrangers ever made. **No. 1.** $\frac{1}{4}$ -in. holes \$1.25. **No. 2.** $\frac{3}{8}$ -in. holes \$1.75.

Kumfort Knee Pads



A comfort-giving knee-cushion with adjustable straps. Fits any knee; will not slip down when walking. Prevents moisture from penetrating the clothes and provides added life to work clothes. \$1.75 per pair.

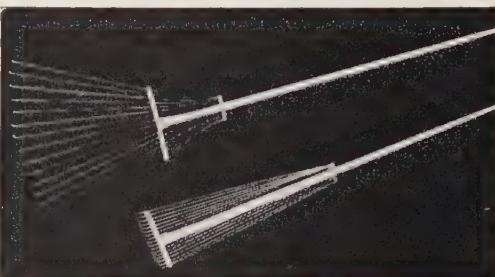
Gardenade



Kneeling pad and a convenient rack for garden tools. Upright handles are designed to lower and lift yourself with a minimum of effort. Kneeling pad is made of soft sponge rubber. 14 in. long,

11 in. wide, 12 in. high. Tool box holds all the tools within your reach. Has many household advantages, such as cleaning floors, waxing and polishing. \$3.50.

Sawco All-Aluminum Adjustable Garden Rake



No need for several Rakes. This 4-in-one Rake is ideal for grass, leaves, soil and gravel. Weighs only 24 ozs. Will not rust. 48 in. long when closed. Instantly adjustable. Spread from 10 in. to 30 in. Tines slightly flattened on end. An ideal gift for your gardening friends. \$5.00.

Steel Brume Rake

Fitted with polished wooden handle. Cleans the turf as gently as the human hand. Best quality. Reinforced, 19 inches wide. \$1.75.



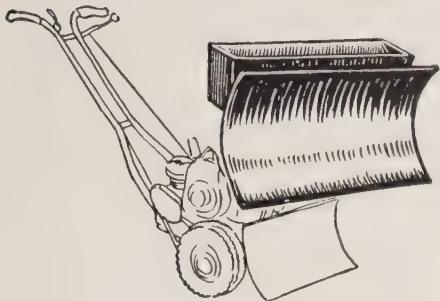
Bamboo Rake



Made of imported sun-cured bamboo. Specially reinforced with metal band and wire spiral. 18 in., \$2.25; 24 in., \$2.50; 30 in., \$2.75.

POWER MOWERS with Snow Plow Attachments FOR YEAR-ROUND USE

Trima Lawn Power Mower and Snow Plow

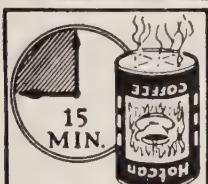


Cuts up to three acres per day. 21-in. cut; 1½ H.P. gasoline engine. Weighs 164 lbs. Has many unique features. Cuts within 1¼ in. of walls and trees. Trims perfectly around flower beds because the cutting blades extend beyond the wheels. Flexible, knee-action cutting unit that hugs to the contours of ground. Micrometer hand adjustment for bottom knife. Unit can be raised to cut grass at 3-in. height. \$235.00. Snow Plows extra as follows:

24 in. concave blade (stationary)	\$26 00
24 in. concave blade (reversible)	32 00
32 in. V-shaped blade	49 00

Other Accessories, price on application.

Hotcan Foods

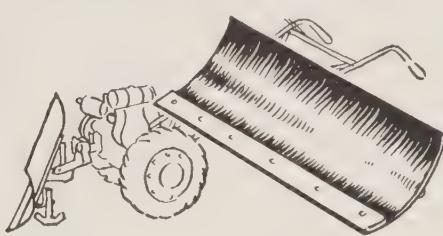


Ideal for midnight snacks, cold-weather meals, picnickers, and for practically any emergency. All you need is a can opener and you will have piping hot coffee, chocolate, beans, frankfurters or hamburgers —anywhere, anytime, without fire, without cooking! Simply turn Hotcan upside down, punch four holes, and instantly it starts to heat. At the end of fifteen minutes turn Hotcan right side up and open can according to directions.

Special Can Opener for Less Than Dozen Can Orders, 10 cts. each.

	Each	Doz.	
HTOCAN Hamburgers (4) with tomato and mushroom sauce	\$1 10	\$12 75	
HTOCAN Frankfurters (2) with beans	98	11 25	
HTOCAN Egg Noodle and Chicken Dinner	98	11 25	
HTOCAN Chicken Noodle Soup	75	8 50	
HTOCAN Chocolate (ready to drink)	75	8 50	
HTOCAN Coffee (black—no sugar)	55	6 25	

Bready Snow Plow



A powerful 1½-horsepower tractor plus exclusive front hitch, giving twice as much work as others in its class. Uses only one gallon of gas in five hours. Can be used all year round, doing all the hard jobs quickly and easily. Ratchet wheels for easy turning. Plow blade 42 in. wide (reversible). \$275.00 complete. Other accessories, price on application.

Lamplighter

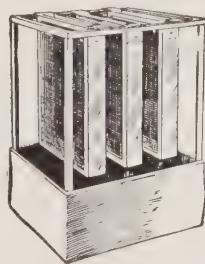
A super outdoor fluorescent light. Remarkable brilliance. Easy-to-grip carrying handle. Convenient push and pull switch. Plexi-glass non-shatterable window. All aluminum construction. Fluorescent tube good for 1000 hours of light. Uses portable 45-volt "B" batteries; average life 50 hours. Functional design; nothing to rattle or shake. Compact size: 4½ x 7⅛ x 9 in. Turns night into day the modern way. For fishing, boating, picnicking and many other uses. Complete with batteries and tube, \$9.95.



Don't be without one. Complete with batteries and tube, \$9.95.

All-Metal Air Drying Unit

Keeps your cellar, victory garden storage room or any damp room free from excessive moisture. Halts rust, mildew, mold; eliminates dampness and mustiness. 18 in. high, 13 in. wide, 13 in. deep. Complete for immediate use with 100 lbs. of Moisture-Absorbing Crystals—enough for over 6 mos., \$17.95. Additional crystals, \$4.50 per 100 lbs. Customer pays transportation.



De-Moist



New discovery. Retards mold and mildew. Soaks up air moisture like a sponge. Checks damage from dampness. Does not drip. Can be used over and over again. Hangs up anywhere. 12-oz. size for closets, small rooms, food bins, trunks, etc. \$1.29. 50-oz. size for basements, large rooms, attics and laundries, \$4.95.

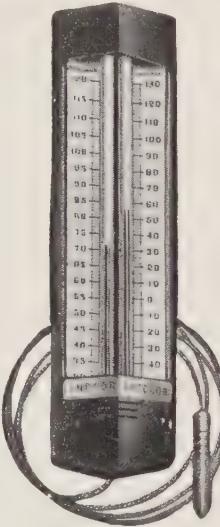
Sno-Skoot



A snow shovel that removes snow with ease. Weighs only 17 lbs. Made of 18-gauge steel. Wheels 10 in. in diameter; 1¾-in. semi-pneumatic tires. Cleans a strip 21 in. wide. \$12.95.

Indoor and Outdoor Thermometer No. 404

New twin-scale Thermometer that accurately indicates both inside and outside temperatures although it is located indoors. No peering through frosted, clouded windows; both temperatures are read at a glance, outside being determined by hanging small metal bulb on a thin tube outside of window. Finished in a beautiful black bakelite case, chrome trim, 9½ in. high, 2¼ in. wide. Packed in an attractive gift box. \$7.50.



Outdoor Thermometer No. 401



A very attractive dial-type outdoor Thermometer. Accurate and easily readable. Contrasting red pointer, ivory dial, black figures. 3⅓ in. diameter, mounting bracket 3½ in. long. Attractively boxed. \$3.50.

Foot Scraper



This little Dachshund Foot Scraper adds a friendly touch to your door. He weighs 30 lbs. and is 22 in. overall. Solid cast iron; body velvet black, tongue red. \$9.50. Packing 50 cts. extra. Customer pays transportation.

SAWCO SPECIAL PLANT-FOODS for HEALTHY GARDENS

NOTE — Fertilizers over \$3.00 in value are delivered free within 50 miles of New York City

Emerald Grass Fertilizer. A well-balanced organic plant-food for fine lawns. Use 4 pounds per 100 square feet or 1750 pounds per acre on existing lawns and double these quantities for new work. 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2.00, 50 lbs. \$3.75, 100 lbs. \$6.00, 500 lbs. \$27.50, 1000 lbs. \$45.00, ton \$80.00.

General Garden Fertilizer. Use 5 pounds per 100-foot row of vegetables once monthly or 5 pounds per 100 square feet broadcast on flowers and fruits. 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2.00, 50 lbs. \$3.75, 100 lbs. \$6.00, 500 lbs. \$27.50, 1000 lbs. \$45.00, ton \$80.00.

Bulb Fertilizer. A highly nutritious plant-food for Tulips, Crocuses, Hyacinths, and many other fall bulbs, also Lilies. Best applied by mixing with soil before planting bulbs. 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2.00, 50 lbs. \$3.75, 100 lbs. \$6.00, 500 lbs. \$27.50.

FERTILIZERS, MANURES and SOIL INGREDIENTS

Adco. Add it to garden rubbish, leaves and grass clippings to hasten decay and quickly produce manure. 7½-lb. pkg. \$1.25, 25 lbs. \$2.50, 150 lbs. \$12.00.

Bonemeal. For vegetables and flowers. Use 5 lbs. per 100 square feet, 2000 lbs. per acre. 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2.00, 50 lbs. \$3.75, 100 lbs. \$6.00, 500 lbs. \$27.50, 1000 lbs. \$45.00, ton \$80.00.

Cattle Manure, Shredded. An ideal fall mulch for your perennial and rose beds. Use liberally and work slightly into soil. 50 lbs. \$3.50, 100 lbs. \$6.00, 500 lbs. \$27.50.

Climax Lawn Sand. Eradicates chickweed and mouse-ear. 3½ lbs. \$1.00, 7 lbs. \$1.85, 14 lbs. \$3.25, 28 lbs. \$6.00, 56 lbs. \$10.00.

Feferita. Plant-food in tablets for pot-plants. 100 tablets 75 cts., 1000 tablets \$3.50.

Hyponex. A complete balanced all-soluble plant-food. 7 ozs. 50 cts., lb. \$1.00, 10 lbs. \$8.00, 25 lbs. \$15.00, 100 lbs. \$40.00.

Lime, Agriculture Hydrated. Sweetens the soil. Use 5 pounds per 100 square feet, 2150 pounds per acre. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$3.50, 500 lbs. \$15.00, ton \$32.50.

Limestone, Pulverized. 10 lbs. 50 cts., 100-lb. bag \$2.50, 5 bags \$10.00, ton \$25.00.

Sheep Manure. Use liberally in the vegetable and flower-garden, also as liquid manure; 5 pounds per 100 square feet, 2000 pounds per acre. 5 lbs. 60 cts., 10 lbs. \$1.00, 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5.00, 500 lbs. \$23.50, 1000 lbs. \$40.00, ton \$70.00.

Tobacco Fertilizer. Rich in potash. Helps deter soil insects. 50 lbs. \$3.00, 100 lbs. \$5.00, 500 lbs. \$23.50.

Tobacco Stems. Excellent as a mulch; deters soil insects. Use 25 pounds per 100 square feet. Bale (about 100 lbs.) \$4.50, 5 bales \$18.50.

HUMUS, PEAT MOSS, ETC.

Mulch-o-Nure. Mixture of tobacco, peat, and plant-foods. Spread 1 inch thick around Roses, Grapes, Shrubs, Lilies, etc. Keeps roots cool, retains moisture, deters insects. 100 lbs. \$6.00, 500 lbs. \$27.50, ton \$75.00.

Humus. Soil ingredient, improving its texture, increasing its water-holding properties. For renovating old lawns, 100 pounds to 100 square feet. Double this quantity for making new lawns. 10 lbs. 50 cts., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$10.50, ton \$30.00.

Leaf Mold. Used for preparing Rhododendron beds and as an ingredient in potting soil. 100 lbs. \$4.50, 500 lbs. \$18.50, ton \$50.00.

Peat Moss, American. A sedge Peat far superior to imported. Ideal for winter mulching of rose-beds, perennials and shrubs. Use liberally when making new lawns. 100 lbs. \$4.00, 500 lbs. \$18.50, 1000 lbs. \$35.00.

Peat Moss, Imported. In bales (approximately 17 bus.) \$6.00, 5 bales \$28.75, 10 bales \$55.00, cartons (2 bus.) \$1.50.

Salt Hay. Ideal winter covering for plants. Large bale \$4.00; 5 bales, \$3.50 per bale.

REMEDIES for INSECTS and FUNGUS

Ant Bait (Magikil Jelly). Press tube and allow ¼ inch of the jelly to rest on side of ant-hill. Apply every 4 feet around the house, garden, or lawn. 1-oz. tube 40 cts., 3-oz. tube \$1.00, 7½-oz. tube \$1.95.

Ant Powder. Rids lawns and shrubbery of ants. Simply dust lightly around the infested areas. 3 ozs. 50 cts., lb. \$1.50.

Arsenate of Lead. (Powder.) For chewing insects. Two level teaspoonsfuls to 1 qt. water, 2 lbs. to 50 gals. Lb. 40 cts., 4 lbs. \$1.50, 24 lbs. \$8.50, 48 lbs. \$16.00.

Black-Leaf 40. Nicotine sulphate; for sucking insects. One teaspoonful to 1 gal. water, 1 oz. to 6 gals. Oz. 35 cts., 5 ozs. \$1.00, lb. \$2.50.

Chaperone. (Liquid.) For outdoor use. Spray on hedges, garbage cans or other places from which you want to keep dogs away. Rains will not reduce its efficacy. Use as is from the bottle in a small sprayer. 4 ozs. 60 cts., 12 ozs. \$1.25.

Chlordane. A new chemical discovery for both household and garden pests. Wettable 50% strength powder. 8-oz. can \$1.50, lb. \$2.75.

Cyanogas A Dust. Gas kills ants, rats, moles, and woodchucks. Use outdoors only. Lb. 98 cts., 5 lbs. \$3.75, 25 lbs. \$12.50, 100 lbs. \$30.00. **Foot Pump** for applying same, \$11.50.

Cyanogas Ant Killer. A powder that flows freely. Use outdoors only. Simply insert spout of can and pour into ant hill. Cover hole. 4-oz. can 40 cts., \$4.40 per doz.

D.D.T. Liquid Spray. (Syndet.) A concentrated oil emulsion. Contains 30% Technical D.D.T.; more effective than normal powder. Recommended for Japanese beetle, flea beetle, aphids, potato beetle, and other insects. ½pt. \$1.00, qt. \$3.00, gal. \$8.00.

Fish-Oil Soap. For mild forms of scale and soft-bodied insects where something stronger cannot be used. Good plant-wash. 1 teaspoonful to 1 quart of water, 1 lb. to 10 gals. Lb. 30 cts., 7½ lbs. \$2.00.

Gator Hives. For crickets, silver-fish, waterbugs and roaches. Merely place Gator Hives around the premises and you are rid of these pests. Economical; clean to use. No sweeping up messy powders. Box of 3 Hives 35 cts.

Gladiolus Thrip Spray. (Powder.) Effective during growing season. Use 1 teaspoonful to 1 quart water, 1 pound to 10 gallons. Lb. 75 cts., 5 lbs. \$3.00.

Hortex. A rotenone dust for sucking and chewing insects, combined with colloidal sulphur to act as a fungicide and lengthen the period of effectiveness. Non-poisonous. Lb. 50 cts., 5 lbs. \$2.00, 25 lbs. \$8.00, 100 lbs. \$27.50.

Kilmice. Tasty impregnated seed bait; poisonous. Quickly destroys mice in house or garden. 2½ ozs. 25 cts., 12 ozs. \$1.00.

Magnesium Arsenate. For the Mexican bean beetle. 6 teaspoonsfuls to 1 gal. water, 2 lbs. to 100 gals. 2 lbs. 80 cts., 4 lbs. \$1.50, 8 lbs. \$2.75.

Molefume. A non-poisonous cartridge that liberates a deadly smoke. Very effective against moles, rats, gophers, woodchucks, hornets and wasps. Non-injurious to vegetation. Harmless to humans and pets. Use 1 cartridge every 15 to 25 feet. Box of 6 cartridges \$1.50, 5 boxes \$7.00, 10 boxes, \$13.00. (Individual cartridges 30 cts. each.)

Mole-Nots. Sure death to bulb-eating, root-destroying moles. Pkg. of 8 "nots" 35 cts., 50 for \$1.00, 125 for \$2.00.

Mouse-Not. A meaty easily hulled treated seed bait which appeals to the taste of mice. Pkg. of 9 "nots" 25 cts., 50 "nots" \$1.00.

Naphthalene Flakes. After setting bulbs, sprinkle lightly with flakes and cover with soil. Protects bulbs against ravages of moles and field mice. Lb. 35 cts., 5 lbs. \$1.50, 25 lbs. \$5.50, 100 lbs. \$18.00.

Para-Dichlorobenzene. For peach borer attacking trees 4 years and older. One ounce for each tree. Lb. 75 cts., 5 lbs. \$3.50, 10 lbs. \$6.00.

Pestex. A powder. Non-poisonous. Repels rabbits and squirrels. Keep them away from your garden. Simply dust between the rows and in garden paths. 2-lb. pkg. \$1.25.

Rotene Insect Spray. Non-poisonous, rotenone-pyrethrum spray. Harmless to fruits, vegetables, and flowers, humans and animals. For chewing and sucking insects. A teaspoonful to 1 gal. water, 1 oz. to 8 gals. Oz. 35 cts., 4-oz. bottle \$1.00, pt. \$2.50, qt. \$4.00, gal. \$13.50.

Senoled. A compound of lead arsenate and plant-food for grub-proofing lawns and gardens. Destroys Japanese beetles and earthworms. Broadcast at the rate of 3 pounds to 125 square feet, 25 pounds to 1000 square feet; double these quantities for the garden. 5 lbs. \$1.50, 25 lbs. \$3.00, 100 lbs. \$8.00, 500 lbs. \$35.00, ton \$125.00.

Thripco. Controls gladiolus thrips and eggs. Use as a dust when storing bulbs—1 oz. to 75 corms, 1 lb. to 1000 corms. Treated bulbs are to be stored in open paper bags or slightly ventilated wood boxes. Lb. 35 cts., 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$6.00, 50 lbs. \$10.00, 100 lbs. \$18.00.

Tobacco Dust, Kilmdead. Kills sucking and soft-bodied insects. Control chinch-bugs. Use 1 pound per 100 square feet. Lb. 25 cts., 5 lbs. 75 cts., 25 lbs. \$2.00, 100 lbs. \$6.00.

Tree Tanglefoot. A paste; traps crawling insects, gipsy moth, cankerworm, etc. Effective 3 to 4 months. One pound covers 18 feet 2 inches wide. For orchards, vineyards, and shade trees. Lb. 90 cts., 10 lbs. \$7.50.

Tufor. Selective 2-, 4-D Weed Killer. Improved formula; over 65% of the triethanolamine salt is in aqueous solution. Controls many lawn weeds; also effective against poison ivy. Four ounces to 16 gals. of water sprayed over 4000 sq. ft. 4 ozs. \$1.00, pt. \$2.00, qt. \$3.50.

Tat C-Lect Crab Grass Killer

Contains the new chemical PMAS (Phenyl mercuric acetate) and Bis (2-amino-ethyl) borate, which when diluted and sprayed on lawns kills crab grass and germinating crab grass seed. It can be used all through the season, no specific time necessary. Not only does it kill crab grass, but deposits in the soil a selective residue which retards and discourages further growth. Use at the rate of 2 ounces per gallon of water over 100 square feet. 8-oz. bottle 85 cts., 16-oz. bottle \$1.50.

SAWCO-JAPY

(Japanese Beetle Milky Disease Spore Dust)

Destroys the larvæ or grub of the Japanese Beetle which causes severe injury to turf in lawns, golf courses, parks, pastures and gardens.

The bacteria causing the "milky disease" are Bacillus Popilliae and Lentiniborus. Sawco-Japy (milky disease spore dust) contains at least 100 million viable spores of either or both of the above organisms per gram of product.

Thoroughly mix one pound of Sawco-Japy with two pounds of coarse sand or dry soil and apply this mixture uniformly over 4000 sq. ft. Brush or water into soil immediately after application to prevent loose dust from being picked up by the wind.

1/2 lb. (sufficient for 2000 sq. ft.)	\$2.75
1 lb. (sufficient for 4000 sq. ft.)	5.00

NEW CROP FARM SEEDS

FINEST RECLEANED SEEDS • REMACHINED SPECIALLY FOR ELIMINATION OF WEED SEEDS

Purchaser pays transportation (except where noted); prices are subject to market changes

CLOVERS AND ALFALFA

Crimson Clover. Valuable for restoring worn-out soils. Sow 20 lbs. to acre. Lb. 70 cts., 10 lbs. \$6.50, Postpaid. 100 lbs. \$50.00.

Alsike or Swedish Clover (*Trifolium hybridum*). Sow 10 lbs. per acre when used alone. Lb. \$1.10, 10 lbs. \$10.00, Postpaid. 100 lbs. \$80.00.

Ladino White Clover. A giant White Clover, good for shallow and heavy soils. Spreads rapidly. Lb. \$4.50, 10 lbs. \$42.50, Postpaid.

Lespedeza. For pasture, hay and lawns on poor land in warmer sections of the country. **Korean.** Lb. 45 cts., Postpaid 60 cts.; 10 lbs. \$3.75, 100 lbs. \$30.00. **Sericea.** Lb. 70 cts., Postpaid 85 cts.; 10 lbs. \$6.00, 100 lbs. \$55.00.

Red Clover, Mammoth. Sow, if alone, 15 pounds per acre. Lb. \$1.35, 10 lbs. \$12.50, Postpaid. 100 lbs. \$95.00.

Red Clover, Medium (*Trifolium pratense*). The leading variety of Clover for pastures or meadows. Sow 20 pounds per acre alone, or 15 pounds where other grass or hay crops are standing. Lb. \$1.35, 10 lbs. \$12.50, Postpaid. 100 lbs. \$95.00.

White Dutch Clover (*Trifolium repens*). The best variety for lawns. Lb. \$1.75, 10 lbs. \$16.00, 100 lbs. \$135.00, delivered.

Wild White Clover. Dwarfer than White Dutch. Splendid for pasture and lawns. 1/4lb. \$1.00, 10 lbs. \$27.50, delivered.

Alfalfa, Northern-grown. Broadcast 25 lbs. to acre or 20 lbs. if drilled. Lb. \$1.10, 10 lbs. \$10.00, Postpaid. 100 lbs. \$80.00.

Alfalfa, Grimm. Hardier than ordinary kinds. A heavy yielder. Lb. \$1.20, 10 lbs. \$11.00, Postpaid. 100 lbs. \$85.00.

Use LEGUME-AID. Nitrogen-fixing bacteria. Distinct bacteria for every crop; Alfalfa or Clovers, except Lespedeza: to treat up to 1 bus. 50 cts., 2 1/2 bus. \$1.00. Lespedeza: up to 100 lbs. 50 cts. State crop when ordering.

WINTER SEED WHEAT AND RYE

Grown especially for seed purposes

Leap's Prolific Wheat. (Beardless.) It stools out strongly and roots deeply. A large, dark red, hard Wheat. Its heads are large; the chaff beautiful white. The glumes are close together on the head and so well closed that Wheat does not shatter badly in handling. Straw long, stiff. Leap's ripens early. Sow 1 1/2 bus. per acre. Pk. \$2.25, bus. \$6.50, 10 bus. \$62.50.

Rosen Rye. Introduced by the Michigan Experiment Station. A great yielding variety. Rosen has the "big head" and is "full." Vigorous grower on all soils. Pk. \$2.25, bus. \$6.50, 10 bus. \$62.50.

Mammoth White Winter Rye. Heads average 6 to 8 inches in length and are filled with large, plump, heavy grains. The straw is giant in length and strength. Of special value for cover-crop. Qt. 40 cts., Postpaid 55 cts.; pk. \$2.00, bus. \$6.00, 10 bus. \$57.50.

IMPROVE YOUR VEGETABLE PLOT!

Sow a cover of Winter Rye and improve your soil for next year's vegetable garden. Use 1 peck to 4000 square feet; turn under in the early spring.

WINTER VETCH (*Vicia villosa*). True Sand or Hairy Vetch. Extensively used as a soil-renovator or for dry or green feed in the early spring. It may be sown alone or with winter rye or oats. When sown with rye, etc., use 1/2 bus. to an acre, or 1 bus. if sown alone. Lb. 60 cts., Postpaid 75 cts.; 10 lbs. \$5.50, 100 lbs. \$45.00.

Modern Grasses for Hay or Permanent Pasture

LATE SUMMER AND EARLY FALL ARE THE BEST SEASONS FOR SOWING GRASS SEEDS

Prices on these formulas include delivery

Sawco Formula No. 1. Grasses only of high quality for pasture and hay, consisting of nine permanent varieties, correctly proportioned. No Clover. Sow 45 pounds per acre. Lb. 80 cts., 10 lbs. \$7.00, 100 lbs. \$55.00.

Sawco Formula No. 2. Grasses and Clovers of high quality for pasture and hay. This mixture consists of twelve ingredients, giving good pasturage and heavy cuts of highly nutritious hay. Sow 40 pounds per acre. Lb. 85 cts., 10 lbs. \$7.50, 100 lbs. \$60.00.

Sawco Formula No. 3. Clovers only of high quality for rich pasturage. No grasses. Sow 15 pounds per acre. Lb. \$1.15, 10 lbs. \$10.50, 100 lbs. \$85.00.

Sawco Low-Cost Formula No. 4. For hay and pasturage; consists of Timothy Red-Top and Clover only. Sow 30 pounds per acre. Lb. 70 cts., 10 lbs. \$5.50, 100 lbs. \$40.00.

When ordering any of these formulas, kindly state whether your soil is (a) loamy, (b) bottom-land, (c) shaded orchard or (d) poor, including hillside. The above are liberal rates of seeding. Min. lbs.

Cornell Permanent Pasture Mix- per acre Lb. 10 lbs. 100 lbs. ture, 1948..... 18 \$1 00 \$8 50 \$70 00

Cornell General-Purpose Mixture, 1948..... 18 1 15 10 00 85 00

Cornell Utility Mixture, 1948. 18 1 05 9 00 75 00

Cornell General Purpose (with Kentucky Blue). 20 1 15 10 00 85 00

Accurately compounded, but we use higher quality ingredients than specified.



LAWNSPREAD Now the New Chlordane for Ant, Chinch Bug and Grub Control

***Lawnspread.** A complete dressing in dry powder form. High-quality grass seeds **mixed** with approved grass foods and screened, sterile compost. In this mixture also are insecticides and fungicides. Each unit or bag weighs 25 lbs.

As a tonic for any lawn, broadcast one unit on each 20 feet by 20 feet at any time. Use every month on crab-grass, grub-infested lawns, or on brown-patch infested lawns.

To renovate Thin or Bare Turf, roughen the surface and broadcast one unit on each 10 feet by 20 feet.

LAWNSPREAD

Contains mixed seeds for open and shaded areas.

1 to 10 bags, \$3.00 per bag
11 to 25 bags, 2.85 per bag

Over 25 bags, 2.75 per bag

We deliver Lawnspread within 100 miles of New York; to points beyond, purchaser pays transportation. *Trade-mark Registered, Patent Pending.

"Lawnspread with Sawco-Japy" (Milky Disease Spore Dust). For control of Japanese Beetles, add 50 cts. per bag to above prices.

SUPER-LAWNSPREAD

Contains Coos County Bent Seeds for home putting-greens.

1 to 10 bags, \$3.50 per bag
11 to 25 bags, 3.35 per bag

Over 25 bags, 3.20 per bag

FOR LAWNS

For Complete Descriptions, See Our 1948 Seed Annual

	Lb.	2½ lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Staigreen Lawn Seed. "Best on Earth." For permanent lawns.....	\$1 20	\$2 95	\$5 75	\$11 00	\$26 50	\$100 00
All-Bent Lawn Formula. For lawns of the finest texture and for bowling greens.....	1 50	3 65	7 25	14 00	33 00	125 00
S. & W.Creeping Bent Seed. Pure seed of the finest of turf grasses.....	2 15	5 25	10 00	19 50	46 50	
Shady Place Lawn Seed. For lawns under trees.....	1 25	3 10	6 00	11 50	27 50	105 00
Terrace Sod Grass Seed. For terraces, hillsides and embankments.....	1 25	3 10	6 00	11 50	27 50	105 00
Greenwood Formula. For cemeteries, parks and campus.....	90	4 25	7 75	18 50	70 00	
High-Grade Lawn Seed. For low-cost lawns and campus (contains clover).....	1 05	2 50	4 90	9 50	22 00	85 00
Urban Formula. For turf in the city.....	1 10	2 65	5 25	10 00	23 50	90 00
Southern Formula. For lawns in the South.....	1 10	2 65	5 25	10 00	23 50	90 00
Seashore Lawn Formula. For lawns subject to the influence of salt spray.....	1 20	2 95	5 75	10 75	25 50	95 00
N. J. Formula No. 1 (with clover). Standard Lawns.....	1 20	2 95	5 75	10 75	25 50	95 00
N. J. Formula No. 1a (without clover). Standard Lawn.....	1 20	2 95	5 75	10 75	25 50	95 00
N. J. Formula No. 2. For Finest Quality Lawns.....	1 40	3 45	6 75	12 75	31 00	115 00
N. J. Formula No. 3. For shaded lawns.....	1 40	3 45	6 75	12 75	31 00	115 50
N. J. Formula No. 4. For poor, shaly or sandy soils.....	1 30	3 15	6 25	12 00	28 50	105 00
N. J. Formula No. 4a. Similar to No. 4 but without clover.....	1 30	3 15	6 25	12 00	28 50	105 00

Grasses and Mixtures for Airports, Farms and Athletics

GENERAL SPORTS

Bowling Green Formula. A mixture of fine Bent grasses. Lb. \$2.25, 5 lbs. \$10.50, 25 lbs. \$47.50.

Touchdown Formula. For football. 5 lbs. \$6.00, 25 lbs. \$26.50, 100 lbs. \$95.00.

West Side Formula. For tennis and croquet. Lb. \$1.45, 5 lbs. \$7.00, 25 lbs. \$30.00, 100 lbs. \$110.00.

Hurlingham Sports Formula. A tough grass for athletic sports, polo, baseball, football. 5 lbs. \$6.00, 25 lbs. \$26.50, 100 lbs. \$95.00.

Airport Formula. A formula of exceedingly tough, deep-rooting, soil-binding grasses for landing-fields and runways. **Superfine quality**, 100 lbs. \$75.00. **Fine quality**, 100 lbs. \$65.00

Racetrack Formula. A special blend of grasses. 100 lbs. \$65.00.

Grass Seed Prices include delivery anywhere in U. S. A.
They are subject to market changes.

Agrostis Varieties or Bents

	Lb.	10 lbs.	100 lbs.
"Triple A" Bent (<i>A. tenuis</i>). A true Creeping Bent.....	\$2 35	\$21 00	\$185 00
Seaside Bent, Coos Co. Strain (<i>A. palustris</i> ; <i>A. maritima</i>).....	2 25	20 00	175 00
Rhode Island or Colonial Bent (<i>A. tenuis</i>).....	2 10	18 50	160 00
Astoria Bent (<i>A. tenuis</i> var.).....	2 00	17 50	150 00
Velvet Bent, "Sawco Strain"	7 50	70 00	
Redtop (<i>A. alba</i>). Recleaned quality.....	80	7 00	60 00
Superfine quality (Specialists' stock).....	85	7 50	65 00

Festuca Varieties or Fescues

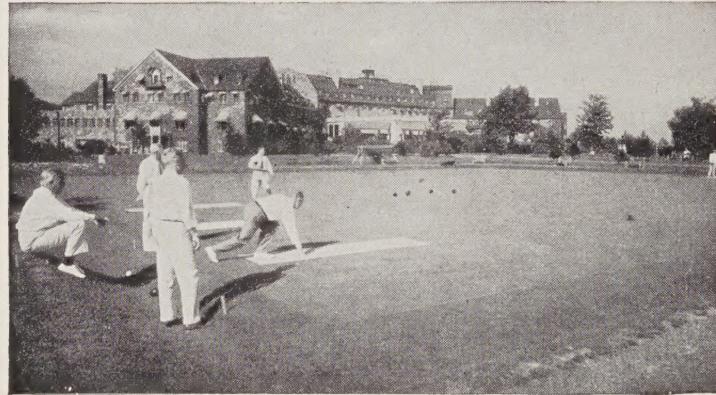
	Lb.	10 lbs.	100 lbs.
Red Fescue, Chewing's N. Z. (<i>F. rubra</i> <i>commutata</i>). Imported.....	\$1 30	\$12 00	\$100 00
Red Fescue, Chewing's Strain. U. S. grown.....	1 25	11 50	95 00
Illiahee Creeping Red Fescue	1 40	13 00	110 00
Creeping Red Fescue (True strain).....	1 35	12 50	105 00
Meadow Fescue (<i>F. pratensis</i>).....	70	6 00	45 00
Tall Fescue, Alta (<i>F. elatior</i>).....	1 15	10 50	85 00

Poa Varieties or Meadow Grasses

	Lb.	10 lbs.	100 lbs.
Canadian Blue Grass (<i>P. compressa</i>).....	\$1 10	\$10 00	\$85 00
Kentucky Blue Grass (<i>P. pratensis</i>) June Grass. Recleaned quality.....	1 40	13 00	110 00
Superfine quality (Specialists' stock).....	1 60	15 00	130 00
Shade Blue Grass, Bird Grass or Rough-stalked Meadow Grass (<i>P. trivialis</i>).....	2 00	18 50	

FOR GOLF

	Lb.	5 lbs.	25 lbs.	100 lbs.
Standard Putting-Green Formula. For dry, light soils.....	\$1 65	\$8 00	\$33 00	\$125 00
Special Putting-Green Bent Formula. For well-prepared, rich soils.....	1 75	8 25	36 00	135 00
Fairgreen Formula (with Bent). Superfine quality.....	1 25	6 00	25 00	90 00
Fairgreen Formula, Standard.	1 10	5 00	21 50	75 00
Problem Fairway Formula. Resistant to drought, heat, and chinch-bug.....	1 35	6 50	28 50	105 00
Irrigated Fairway Formula. Use where soil is kept moist with watering system.....	1 40	7 00	30 00	110 00
Special Divot Formula.	1 35	6 50	27 50	100 00
Special Formula for Tees.	1 20	5 75	23 50	85 00
Special Rough Formula.	90	4 00	18 50	65 00



Bowling Green at Skytop Lodge, Pa., Grass Seeds and Fertilizers supplied by Stumpf & Walter.

Lolium Varieties or Rye Grasses

	Lb.	10 lbs.	100 lbs.
Perennial Rye Grass (<i>L. perenne</i>).....	\$0 55	\$4 50	\$32 50
Italian Rye Grass (<i>L. italicum</i> ; <i>L. multiflorum</i>).....	50	4 00	30 00
Domestic Rye Grass	45	3 50	25 00

Sundry Varieties

	Lb.	10 lbs.	100 lbs.
Awnless Brome Grass (<i>Bromus inermis</i>).....	\$0 85	\$7 50	\$60 00
Bermuda Grass (<i>Cynodon dactylon</i>). Un-hulled.....	1 45	13 00	110 00
Bermuda Grass . Hulled.....	1 65	15 00	130 00
Carpet Grass (<i>Axonopus compressus</i>).....	1 25		
Crested Wheat Grass (<i>Agropyron cristatum</i>).....	95	8 50	70 00
Orchard Grass (<i>Dactylis glomerata</i>).....	70	6 00	45 00
Reed Canary Grass (<i>Phalaris arundinacea</i>).....	1 65	15 00	135 00
Tall Oat Grass (<i>Avena elatior</i>).....	1 10	9 50	80 00
Timothy (<i>Pleum pratense</i> ; <i>Herd's Grass</i>).....	40	3 00	20 00
White Lawn Clover	1 75	16 00	135 00
Wild White Clover	3 00	27 50	

Staigreen LAWN SEED

Best on Earth Since 1912

HIGH PURITY . HIGH GERMINATION . TIME-TESTED FORMULA
MAXIMUM FREEDOM FROM WEEDS . CONTAINS NO CRABGRASS

Don't Experiment—We've Done That For You

Staigreen is a modern Lawn Seed Mixture, the result of years of experimenting and practical sowing on all types of soil. With it many of the best lawns in the northern United States have been built. It is composed of the strongest, finest and most permanent grass varieties, including Bent. Under favorable conditions it will produce a deep-rooted turf, luxuriant, carpet-like and emerald-green from early spring through summer to early winter. Introduced by us in 1912, it is moderate in price, but not "cheap."

Staigreen contains no Rye grass or Timothy, but Chewing's Fescue is a valuable ingredient in it. Deep-rooted, and a robust grower in summer, it imparts a definite resistance to chinch-bug injury, drought, and summer scald. Other varieties contribute to make STAIGREEN a mixture of heavy pure seed of high quality. We recommend STAIGREEN for all lawns, new or old, except in heavy shade or the extreme South. STAIGREEN contains no white clover, but if desired in your lawn, we suggest you sow white clover with it on the basis of 1 pound to each 20 pounds of STAIGREEN.

Prices of Staigreen Lawn Seed

Lb.....	\$1 20	10 lbs.....	\$11 00
2½ lbs.....	2 95	25 lbs.....	26 50
5 lbs.....	5 75	100 lbs.....	100 00

Includes delivery to your home

Autumn-Made Lawns Are Best

Late Summer and Fall are also the most favorable periods for renovating. Seed sown from August 15 to October 15 invariably grows well; thicker turf develops quickly under the influence of autumn rains and cool nights. You will have fewer weeds, and a deeper root system. Dormant seeding after November 15 also gives good results.



Shady Place

LAWN SEED

Best for Under Trees

Consists of shade-tolerant grass varieties, properly proportioned, together with sorts which do well in full light. So the formula may be used on both sunny and shaded areas of the lawn. Use 5 pounds per 1000 square feet, or 200 pounds per acre. In very stubborn cases it may be necessary to renovate the lawn every season for several years, proceeding thus: Add lime every winter at the rate of 50 pounds per 1000 square feet; fork the land lightly in the spring, and apply Sawconure, 50 pounds per 1000 square feet and 20 pounds of Emerald Grass Fertilizer; rake smooth and sow Shady Place Lawn Seed. Repeat the program at the end of summer.

QUANTITY OF LAWN SEED TO USE

Sowing New Lawns	Renovating Old Lawns
Lbs.	Lbs.
200 sq. feet	1
1000 sq. feet	5
Acre	200
	1/2 to 3/4
	2 1/2 to 4
	75 to 125

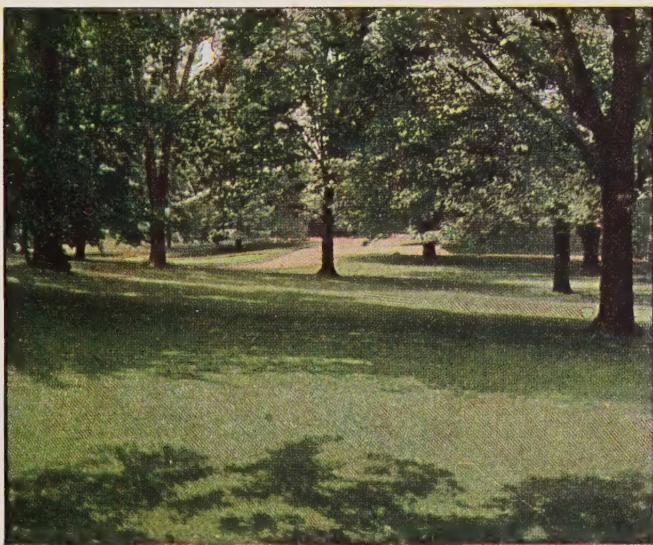
These amounts will give satisfactory results under average conditions, but if time is not important, and if your soil is good and rich, they may be reduced.

They are sometimes doubled by experienced turfmakers, especially when a lawn is sown in the spring.

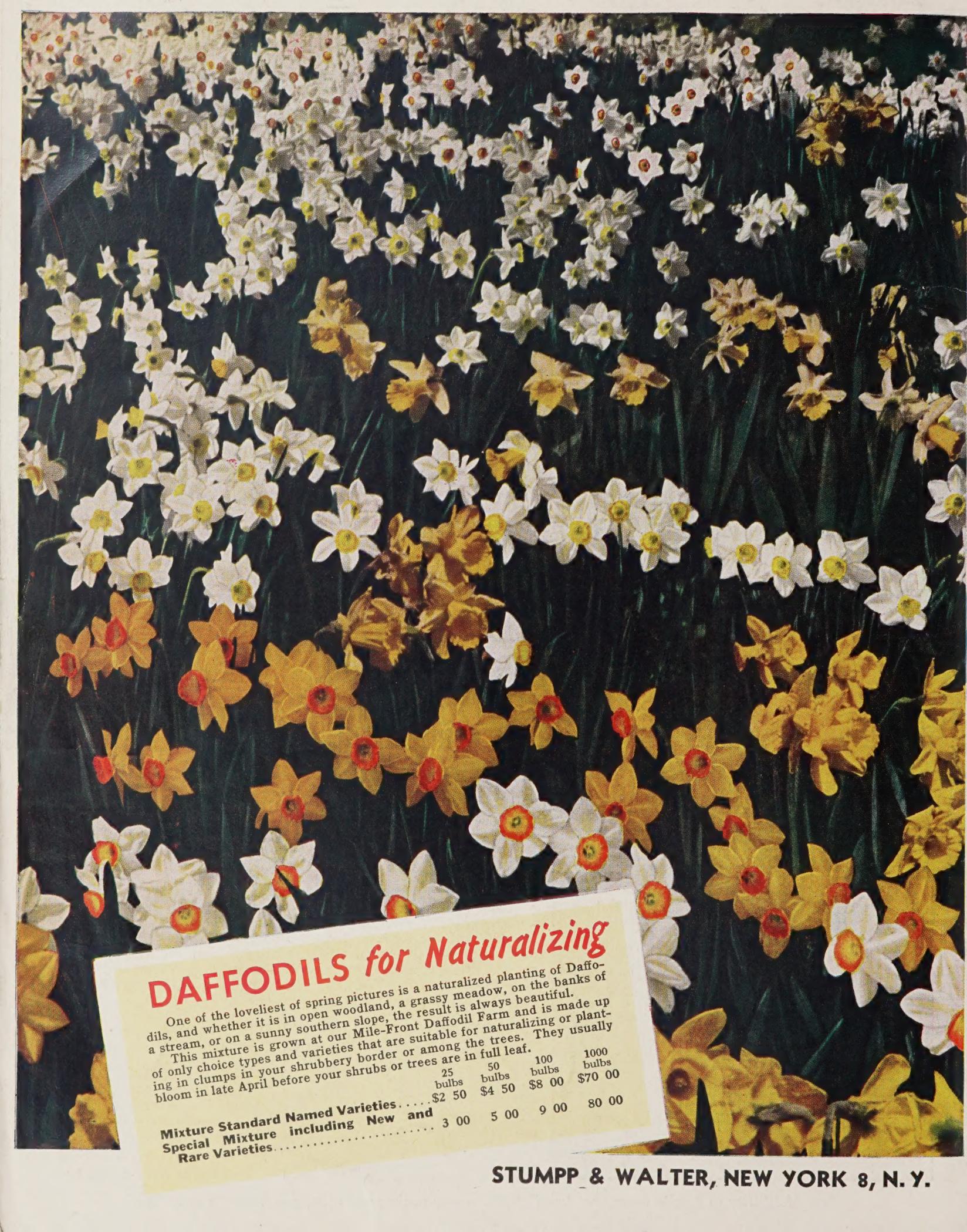
Prices of Shady Place Lawn Seed

Lb.....	\$1 25
2 1/2 lbs.....	3 10
5 lbs.....	6 00
10 lbs.....	11 50
25 lbs.....	27 50
100 lbs.....	105 00

Includes delivery to your home



Pamphlet "How to Build a Permanent Lawn" free in every package of Stump & Walter's Lawn Seed



DAFFODILS for Naturalizing

One of the loveliest of spring pictures is a naturalized planting of Daffodils, and whether it is in open woodland, a grassy meadow, on the banks of a stream, or on a sunny southern slope, the result is always beautiful.

This mixture is grown at our Mile-Front Daffodil Farm and is made up of only choice types and varieties that are suitable for naturalizing or planting in clumps in your shrubby border or among the trees. They usually bloom in late April before your shrubs or trees are in full leaf. They usually

	25 bulbs	50 bulbs	100 bulbs	1000 bulbs
Mixture Standard Named Varieties.....	\$2 50	\$4 50	\$8 00	\$70 00
Special Mixture including New and Rare Varieties.....	3 00	5 00	9 00	80 00

STUMPP & WALTER, NEW YORK 8, N.Y.